

THOMSON

85MX69L

MODEL

SERVICE MANUAL

NORDMENDE

SABA

TELEFUNKEN

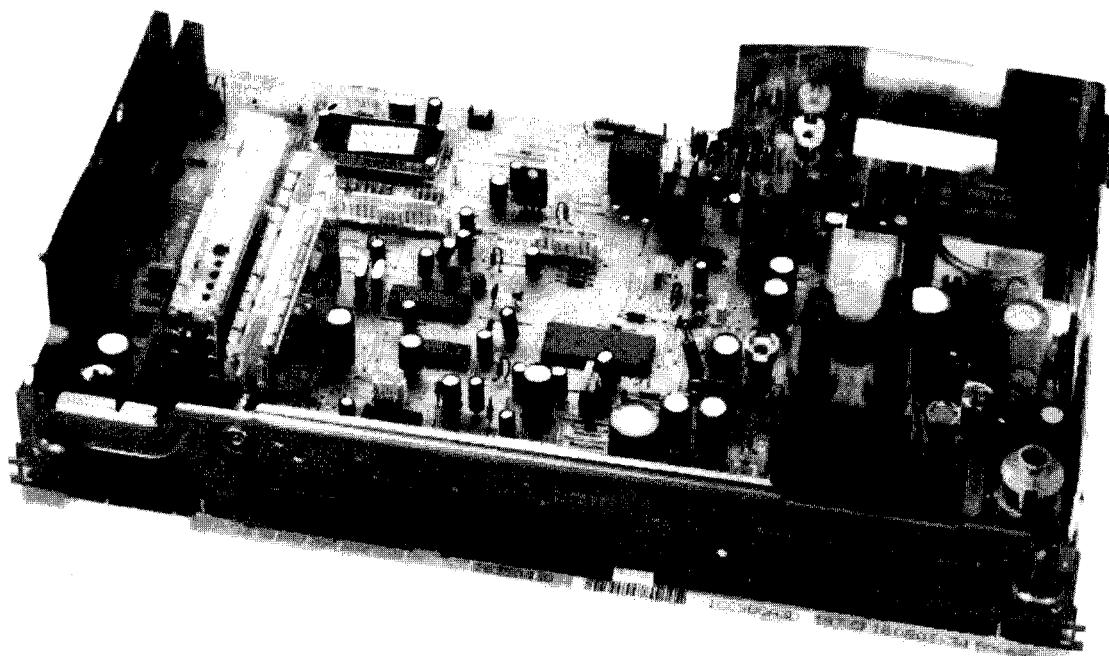
THOMSON



**SERVICE MANUAL
DOCUMENTATION TECHNIQUE
TECHNISCHE DOKUMENTATION
DOCUMENTAZIONE TECNICA
DOCUMENTACION TECNICA**

ICC9

4/3 - 16/9 - SAT



ICC9 158 0
168 C
178 0
494 B
AJA0 G
ALA0 G
B1A4 T
B1A6 C
B2A1 B
B2A3 C/D
B4A4 T/D
B4H B
B4A4 J
B4A5 C
B5A3 0
B9A5 J
B9A6 C
BDA4 C/T/J
BDH B
BJA5
BKA5
BOA3 C



WARNING : Before servicing this chassis read the safety recommendations.
ATTENTION : Avant toute intervention sur ce châssis, lire les recommandations de sécurité.
ACHTUNG : Vor jedem Eingriff auf diesem Chassis, die Sicherheitsvorschriften lesen.
ATTENZIONE : Prima di intervenire sullo chassis, leggere le norme di sicurezza.
IMPORTANTE : Antes de cualquier intervención, leer las recomendaciones de seguridad.

Code : 104 489 30 - 02/96

MC-Service

⚠ Indicates critical safety components, and identical components should be used for replacement. Only then can the operational safety be guaranteed.

Le remplacement des éléments de sécurité (repérés avec le symbole ⚠) par des composants non homologués selon la Norme CEI 65 entraîne la non-conformité de l'appareil. Dans ce cas, la responsabilité du fabricant n'est plus engagée.

Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) nicht durch Original - Ersatzteile ersetzt werden, erlischt die Haftung des Herstellers.

La sostituzione degli elementi di sicurezza (marcati con il segno ⚠) con componenti non omologati secondo la norma CEI 65 comporta la non conformità dell'apparecchio. In tal caso è "esclusa la responsabilità" del costruttore.

La sustitución de elementos de seguridad (marcados con el símbolo ⚠) por componentes no homologados según la norma CEI 65, provoca la no conformidad del aparato. En ese caso, el fabricante cesa de ser responsable.

MEASUREMENT CONDITIONS - CONDITIONS DE MESURES - MESSBEDINGUNGEN CONDIZIONI DI MISURA - CONDICIONES DE MEDIDAS

RECEIVER: On UHF, input level: 1 mV, bar test pattern:
- PAL, 1 standard, 100% white.

Via the SCART socket, input level: 1 Vpp, bar test pattern:

Colour, contrast and brightness at mid-position, sound at minimum.
Programme selected: PR 01.

DC voltages measured between the point and earth using a digital voltmeter.

RECEPTEUR: En UHF, niveau d'entrée 1 mV mire de barres:
- SECAM, Norm L, Blanc 100%.

Par la prise Péritelvision, niveau d'entrée 1 Vcc, mire de barres.

Couleur, contraste, lumière à mi-course, son minimum.
Programme affecté PR 01.

Tensions continues relevées par rapport à la masse avec un voltmètre numérique.

EMPFÄNGER: Bei UHF Eingangspegel 1 mV, Farbbalken:
- PAL, Norm G, Weiss 100%.

Über die SCARTbuchse: Eingangspegel 1 Vss, Farbbalken:

Farbe, Kontrast, Helligkeit in der Mitte des Bereichs, Ton auf Minimum.
Zugeordnetes Programm PR 01.

Gleichspannungen mit einem digitalen Voltmeter zur Masse gemessen.

RICEVITORE: In UHF, livello d'entrata 1 mV, monoscopia per barre:
- PAL, norma G, bianco 100%.

Per la presa SCART, livello d'entrata 1 Vcc, monoscopia per barre:

Colore, Contrasto, Luce a metà corsa, Suono minimo.
Programma designato PR 01.

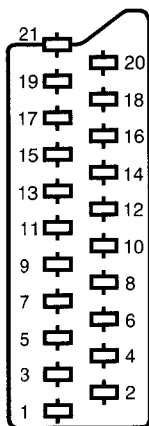
Tensioni continue rilevate rispetto alla massa con un voltmetro numerico.

RECEPTOR: En UHF, nivel de entrada 1 mV, mira de barras:
- PAL, norma G, blanco 100%.

Por la toma Peritelvision, nivel de entrada 1 Vpp mira de barra.

Color, Contraste, luz a mitad de carrera, Sonido mínimo.
Programa afectado PR 01.

Tensiones continuas marcadas en relación a la masa con un voltmetro digital.



NOTE: (MAIN) ... etc. identifies each pcb module.

NOTE: (MAIN) ... etc. repères des platines constituant l'appareil.

HINWEIS: (MAIN) ... usw.
Kennzeichnung der Platinen, aus denen das Gerät zusammengesetzt ist.

NOTA: (MAIN) ... ecc. indicazioni delle piastre che costituiscono l'apparecchio.

NOTA: (MAIN) ... etc. marcas de las placas que constituyen el aparato.

	ENGLISH	FRANÇAIS	DEUTSCH	ITALIANO	ESPAÑOL
1	⊞	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"
2	⊞	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"
3	⊞	AUDIO "L"	AUDIO "G"	AUDIO "L"	AUDIO "S"
4	⊞	AUDIO	AUDIO	AUDIO	AUDIO
5	⊞	"BLUE"	"BLEU"	"BLAU"	"BLU"
6	⊞	AUDIO "L" MONO	AUDIO "G" MONO	AUDIO "L" MONO	AUDIO "S" MONO
7	⊞	"BLUE"	"BLEU"	"BLAU"	BLU
8	⊞	SLOW SWITCH	COMMUT. LENTE	AV UMSCHALTUNG	"COMMUTAZIONE LENTA"
9	⊞	"GREEN"	"VERT"	"GRÜN"	"VERDE"
10	NC				
11	⊞	"GREEN"	"VERT"	"GRÜN"	"VERDE"
12	NC				
13	⊞	"RED"	"ROUGE"	"ROT"	"ROSSO"
14	NC				
15	⊞	"RED"	"ROUGE"	"ROT"	"ROSSO"
16	⊞	FAST SWITCH	COMMUT. RAPIDE	AUSTASTUNG	"COMMUTAZIONE RAPIDA"
17	⊞	VIDEO	VIDEO	VIDEO	VIDEO
18	⊞	FAST SWITCH	COMMUT. RAPIDE	AUSTASTUNG	"COMMUTAZIONE RAPIDA"
19	⊞	VIDEO	VIDEO	VIDEO	VIDEO
20	⊞	VIDEO OR "SYNC"	VIDEO SYNCHRO	VIDEO ODER SYNCHRO	VIDEO O SINCRO
21	⊞	PLUG SCREEN BOX	BLINDAGE PRISE	ABSCHIRMUNG DES STECKERS	ARMATURA DELLA SPINA

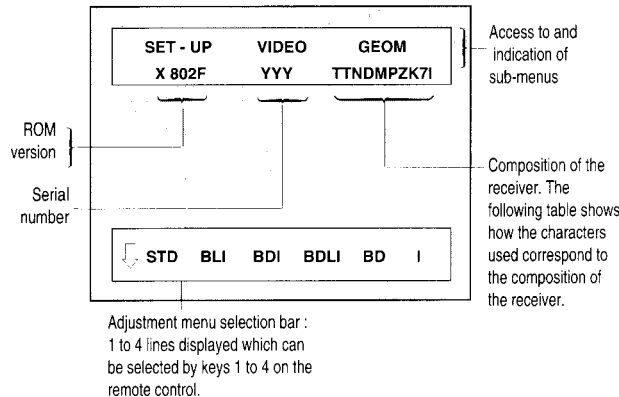
⊞ : OUTPUT - SORTIE - AUSGANG - USCITA - SALIDA
 ⊞ : INPUT - ENTRÉE - EINGANG - ENTRATA - ENTRADA
 ⊞ : EARTH - MASSE - MASSE - MASSA - MASA

It is necessary to enter the Service Mode in order to carry out alignment of the TV set. Most adjustments can be made with the RCU, except the Focus and Screen voltages.

1. Service Mode Access

Important : The Service Mode cannot be entered if any equipment is connected to the Scart socket, i.e. pin 8 switching voltage present.

- 1.1 With the RCU, switch the TV set into the "Standby" mode.
- 1.2 Switch "Off" the TV set by mains supply switch (wait until LED is dark).
- 1.3 Whilst depressing the RCU "Blue (VT)" button, switch "On" the TV set using the mains supply switch.
- 1.4 Release and press once again the RCU "Blue (VT)" button, the following "Set-Up" menu should be displayed."



Character	Setting
T	Text board build in
TT	Top-Text board build in
N	Nicam board build in
M	Mono sound is build in
P	Picture Signal Improvement

Character	Setting
Z	Zoom is build in
K	TELEFUNKEN TV set
7	Subcode 7 enabled
I	IR-lock ON
D	Dolby board build in

Three sub-menus can be accessed from the main service mode menu:

- a) **SET-UP** : TVsettings
- b) **VIDEO** : Access to video adjustments
- c) **GEOM** : Geometry adjustments

2. Sub-Menu Selection

- 2.1 With the RCU Volume "+" and "-" buttons, highlight the menu containing the function to be aligned.
- 2.2 Press the RCU "Blue (VT)" button : Selection
Press the RCU "↔" button : Selection
to highlight the function to be aligned.

3. Switching between Service and TV modes

- 3.1 Whilst in the Service Mode, normal TV controls are disabled, to enable these controls whilst in the Service Mode (i.e. for channel changing etc.) press the "TV" button on the RCU. To return to the Service Mode, press the "Blue (VT)" button on the RCU.

4. Alignment and storing new function value

- 4.1 The current value of the selected function is displayed in a hexadecimal form to the right of the function name. This value is adjusted by means of the RCU Volume "+" and "-" buttons.
- 4.2 To STORE the functions new value, highlight **MEMO** and press the RCU Volume "+" button.
- 4.3 To RESTORE the functions original value, highlight **RESTORE** and press the RCU Volume "+" button.
So it's possible to check and here and there without destroying any values unless the store function were executed.
- 4.4 Selection the ROM functions downloads the production software default values, these are not very accurate and should only be used in very special cases.

5. Leaving the Service Mode

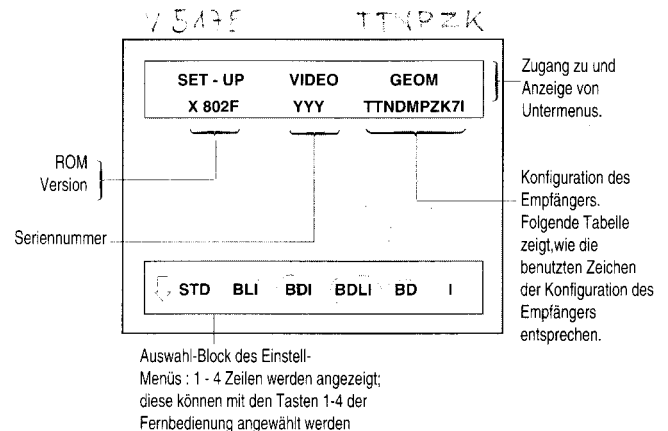
- 5.1 To leave the Service mode either, switch the TV set into "Standby" or switch "Off" the mains supply.

Der Service-Mode wird für den Geräteabgleich benötigt. Alle Einstellungen erfolgen mit der Fernbedienung FB (bis auf Fokuseinstellung und Schirmgitterspannung).

1. Service-Mode einschalten

Achtung : Der Service-Mode läßt sich nicht einschalten, wenn an einer Euro-AV-Buchse ein Gerät aktiviert ist, d.h. die Schaltspannung anliegt.

- 1.1 Mit der Fernbedienung das Fernsehgerät in Stand-by schalten.
- 1.2 Das Gerät mit dem Netzschalter ausschalten (warten bis LED dunkel ist)
- 1.3 Die blaue Taste der Fernbedienung gedrückt halten und gleichzeitig das Gerät mit dem Netzschalter einschalten.
- 1.4 Das folgende Menü erscheint nach erneutem Drücken der blauen Taste



Character	Setting
T	Text board build in
TT	Top-Text board build in
N	Nicam board build in
M	Mono sound is build in
P	Picture Signal Improvement

Character	Setting
Z	Zoom is build in
K	TELEFUNKEN TV set
7	Subcode 7 enabled
I	IR-lock ON
D	Dolby board build in

Drei Untermenüs sind vom Haupt-Servicemenü aus zugänglich:

- a) **SET-UP** : TV Einstellungen
- b) **VIDEO** : Videoeinstellungen
- c) **GEOM** : Bild-Geometrie-Einstellungen

2. Sub-Menü Wahl

- 2.1 Mit den Tasten +/- wird das entsprechende Menü gewählt, welches mit der blauen Taste «durchgeblättert wird» .
- 2.2 Drücken Sie die "blaue FB-Taste (VT)" : Selektion
Drücken Sie die "↔" FB-Taste : Selektion
um einzustellende Funktionen hervorzuheben.

3. Umschalten zwischen Service-Mode und TV-Betrieb

- 3.1 Im Service-Mode sind die normalen Fernsehfunktionen nicht bedienbar. Werden diese im Service-Mode benötigt (z.B. Programmwechsel), kann mit der Taste (TV) in den normalen TV-Betrieb geschaltet werden. Durch Drücken der blauen Taste gelangt man zurück zum Service-Mode.

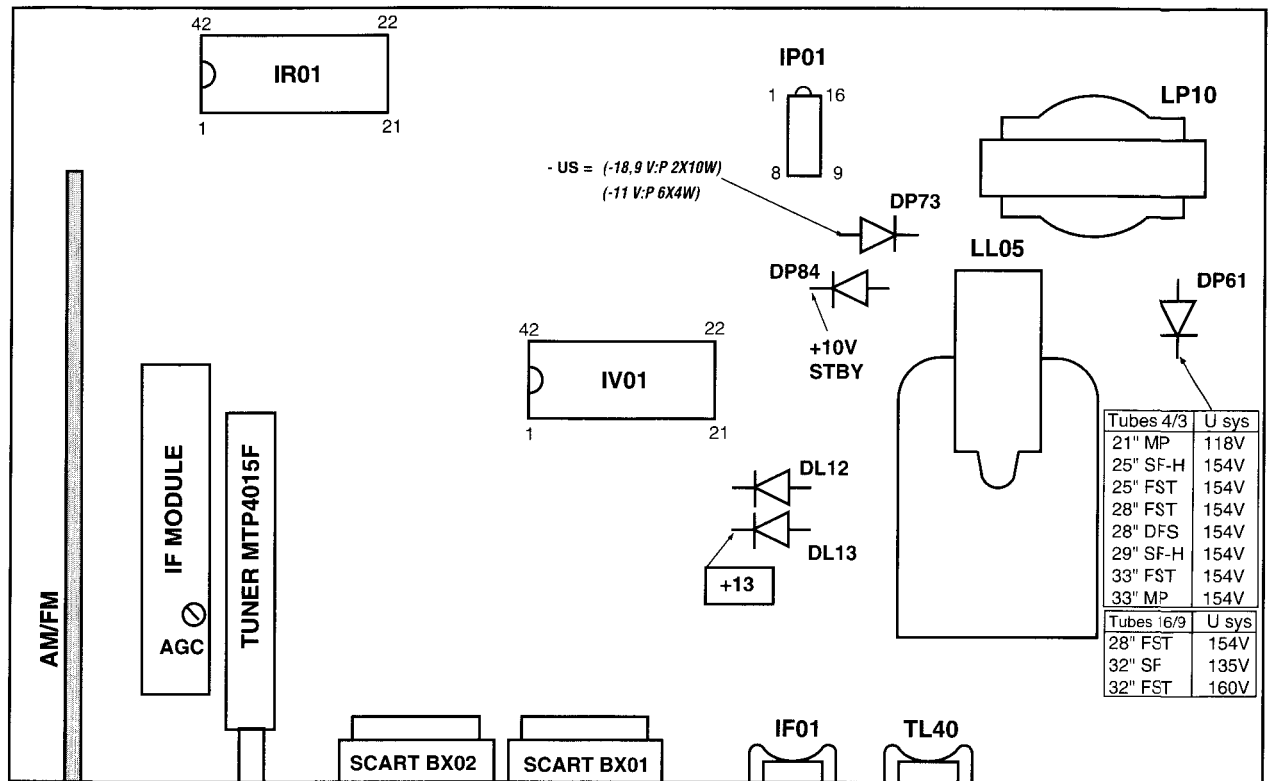
4. Abgleich der gewählten Funktion und Speichern

Der momentane Wert der gewählten Funktion wird hexadezimal rechts neben der abzugleichenden Position angegeben und kann mit der Taste + bzw. - auf der Fernbedienung verändert werden. Die Änderungen des jeweiligen Menüs können unter MEMO mit der + Taste gespeichert, bzw. unter RESTORE rückgängig gemacht werden. So ist es möglich, an verschiedenen Stellen zu prüfen, ohne irgendwelche Werte zu löschen; es sei denn, die Speicher-Funktion wurde ausgeführt. Im Menüpunkt ROM kann man die Software-Defaultwerte laden. Sie sind aber nur eine grobe Annäherung an den noch vorzunehmenden Abgleich und sollten nur im Notfall verwendet werden.

5. Service-Mode verlassen

- 5.1 Zum Verlassen des Service-Mode das Gerät in Stand-by schalten oder mit dem Netzschalter ausschalten.

LOCATION OF CONTROLS - EMBLACEMENT DES REGLAGES - SERVICE LAGEPLAN - POSIZIONE REGOLATORI DI SERVIZIO - SITUACIÓN DE LOS AJUSTES



ADJUSTMENTS - REGLAGES - EINSTELLUNGEN REGOLAZIONE - AJUSTES

Aligning the television set

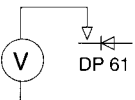
Recommended order

- Configuration of the television set
- **U System**
- Adjusting G2 and Focus
- H-VCO
- Vertical and horizontal geometry
- Video adjustments
- satellite Module

Einstellen des Fernsehgerätes

Empfohlene Reihenfolge

- TV Einstellungen
- **U System**
- Einstellung G2 und Focus
- H-VCO
- Vertikal und horizontal Geometrie
- Video Abgleich
- Satelliten Baustein

U Sys	TV-Keypad + / - (Volume) Service MODE Menu GEOMETRY VOLT	Contrast, brightness and volume to minimum		<table><tr><th>Tubes 4/3</th><th>U sys</th></tr><tr><td>21" MP</td><td>118V</td></tr><tr><td>25" SF-H</td><td>154V</td></tr><tr><td>25" FST</td><td>154V</td></tr><tr><td>28" FST</td><td>154V</td></tr><tr><td>28" DFS</td><td>154V</td></tr><tr><td>29" SF-H</td><td>154V</td></tr><tr><td>33" FST</td><td>154V</td></tr><tr><td>33" MP</td><td>154V</td></tr></table> <table><tr><th>Tubes 16/9</th><th>U sys</th></tr><tr><td>28" FST</td><td>154V</td></tr><tr><td>32" SF</td><td>135V</td></tr><tr><td>32" FST</td><td>160V</td></tr></table>	Tubes 4/3	U sys	21" MP	118V	25" SF-H	154V	25" FST	154V	28" FST	154V	28" DFS	154V	29" SF-H	154V	33" FST	154V	33" MP	154V	Tubes 16/9	U sys	28" FST	154V	32" SF	135V	32" FST	160V													
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U G2 cutoff	SCREEN	AV (no Signal, black screen)	 CRT IB01: pins 9 / 12 / 15 highest output	<table><tr><th>Tubes 4/3</th><th>CRT</th><th>Cutoff</th></tr><tr><td>21" MP</td><td>9100</td><td>150V</td></tr><tr><td>25" SF-H</td><td>9104</td><td>160V</td></tr><tr><td>25" FST</td><td>9105</td><td>160V</td></tr><tr><td>28" FST</td><td>9101</td><td>160V</td></tr><tr><td>28" DFS</td><td>9100</td><td>150V</td></tr><tr><td>29" SF-H</td><td>BS9001</td><td>160V</td></tr><tr><td>33" FST</td><td>9101</td><td>160V</td></tr><tr><td>33" MP</td><td>9101</td><td>160V</td></tr></table> <table><tr><th>Tubes 16/9</th><th>CRT</th><th>Cutoff</th></tr><tr><td>28" FST</td><td>9104</td><td>160V</td></tr><tr><td>32" SF</td><td>BS9002</td><td>160V</td></tr><tr><td>32" FST</td><td>BS9001</td><td>160V</td></tr></table> 	Tubes 4/3	CRT	Cutoff	21" MP	9100	150V	25" SF-H	9104	160V	25" FST	9105	160V	28" FST	9101	160V	28" DFS	9100	150V	29" SF-H	BS9001	160V	33" FST	9101	160V	33" MP	9101	160V	Tubes 16/9	CRT	Cutoff	28" FST	9104	160V	32" SF	BS9002	160V	32" FST	BS9001	160V
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32" FST	BS9001	160V																																									
FOCUS	FOCUS	 Test pattern (standard values)		Sharp picture																																							

SET-UP	VIDEO	GEOM
XXX 123456789	T T N M P Z K 7 I	
STD	BLI B BDLI BD I	
INVAR	ON OFF	
S - BRIGHT	12	
S - COLOUR	10	
T - CONTR	24	
TEXT LANGUAGE	1 2 3 4	
SAT CONT	*	
SUBCODE 7	ON OFF	
ZOOM*	ON OFF	
TUBE TYPE*	16/9 4/3	
WSS	ON OFF	
DEC PR04	ON OFF	
STORE	(+)	
RESTORE	(+)	
ROM	(+)	

SET-UP	VIDEO	GEOM
XXX 123456789	T T N M P Z K 7 I	
R - CUT	0F	
G - CUT	0F	
R - DRV	1F	
G - DRV	1F	
B - DRV	1F	
PEAK	(-/+)	
STORE	(+)	
RESTORE	(+)	
ROM	(+)	

Hex-values shown in the menus above are maximum values.

Hex-Werte, welche in obigen Menüs gezeigt werden, sind Maximalwerte.

* You may not see all the lines. Some of them dependent on the soft version.

Es ist möglich, daß Sie nicht alle Zeilen sehen.

Einige sind abhängig von Software-Versionen.

SET-UP	VIDEO	GEOM
XXX 123456789	T T N M P Z K 7 I	
VOLT	1F	
H-VCO	07	
V - POS	0F	
V - AMP	3F	
V - LIN	07	
H - POS	1F	
H-AMP	3F	
TRAP	1F	
EW - 1	1F	
EW - 2	0F	
STORE	(+)	
RESTORE	(+)	
ROM	(+)	

Test Bar pattern used : 4/3 with geometric circle.

Testbild : 4/3 mit geometrischem Kreis.

. adjust separate for 4/3 and 16/9 format

- für 4/3 and 16/9 getrennt einstellen

SET-UP		
STD	Standards	
	BLI	PAL/SECAM BG SECAM L-I
	B	PAL/SECAM BG
	BDLI	PAL/SECAM BG SECAM L-DKK'I
	BD	PAL/SECAM BG DKK'
INVAR	ON / OFF	ON : a defined offset for contrast will be used. Auswählen Select (See PEAK)
S-BRIGHT		 Black (Press OMA)
PAL S-Colour	PAL Color-Bar Test Pattern (Press OMA)	Saturation 100% CRT Pin 11 (B) (Oscillo.1)
T-CONTR	Contrast in TEXTmode Press "+" or "-"	 Peak-30V CRT Pin 11 (B)
TXT Language	Video Text Language (See table)	
SAT. CONT.	Contrast Satellit	
SUBCODE 7	Enable Thomson remote control (only TFK-sets)	
ZOOM	Zoom Modul On : Enable - OFF: Disable	
TUBE	16/ 9 4/3 Tube type selection	
WSS	Wide Screen Signaling (16/9 tube and/or Dolby). ON : - 16/9 sets : Activates AUTO - FORMAT and AUTO-DOLBY. - 4/3 sets : only AUTO-DOLBY is activated. WSS is not used to switch the zoom/ format.	
DEC PR4	On : Enable - OFF : Disable NICAM from Canal+ decoder on PR04 program. NICAM vom Canal+ decoder auf PR04- Programm.	

VIDEO																				
R - CUT*		 grau, grey																		
G - CUT*		 grau, grey																		
R - DRV		 weiß, white																		
G - DRV		 weiß, white																		
B - DRV		 weiß, white																		
PEAK	 CRT Pin 6,8,11	<table><tr><th>Tube</th><th>V</th></tr><tr><td>21"</td><td>90</td></tr><tr><td>25"</td><td>95</td></tr><tr><td>25" Invar</td><td>100</td></tr><tr><td>28"</td><td>100</td></tr><tr><td>28" Invar</td><td>105</td></tr><tr><td>29"</td><td>100</td></tr><tr><td>29" Invar</td><td>110</td></tr><tr><td>33"</td><td>110</td></tr></table>	Tube	V	21"	90	25"	95	25" Invar	100	28"	100	28" Invar	105	29"	100	29" Invar	110	33"	110
Tube	V																			
21"	90																			
25"	95																			
25" Invar	100																			
28"	100																			
28" Invar	105																			
29"	100																			
29" Invar	110																			
33"	110																			

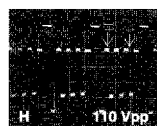
Notes :

* adjust separate for PAL/NTSC, SECAM and Satellite.

* für PAL/NTSC , SECAM und Satellit getrennt einstellen.

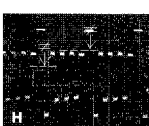
Oscillos 1 :

blue kathode



correct

blue kathode



incorrect

Table TXT Language

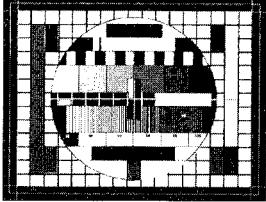
Number	Selection language
1	English, German, Swedish/Finnish, Italian French/Belgian, Spanish, Czech, Romanian
2	Polish, German, Hungary, Turkish SerboCroat
3	English, German, Swedish, Finnish, Italian French/Belgian, Icelandic, Czech, Romanian
4	South Africa, German, Danish, Turkish SerboCroat

GEOM		
VOLT + U sys		+ U sys DP 61 50% - Use "+" or "-" TV keyboard to adjust +Usyst. Adjustment see above. - Mit "+" oder "-" am TV-Gerät + Usyst einstellen. Einstellung siehe oben.
H - VCO		Horizontal Oscillator f.O.L. TL63 No signal f.O.L. = 15,625 kHz
V - Pos		
V - Amp		
V - Lin		
H - POS		
H - AMP		
TRAP		
EW - 1		
EW - 2		

ZOOM MODE ALIGNMENT - RECEIVER : TV WITH 4/3 TUBE AND ZOOM MODULE

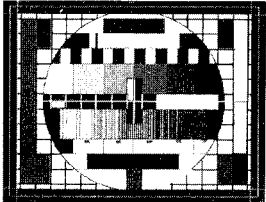
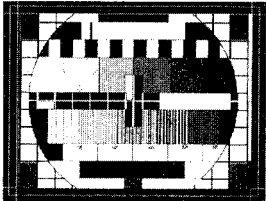
A - PRECONDITION

- Select GEOM in Service mode and adjust all parameters VOLT, H-VCO and GEOMETRY.

4/3 Standard mode		overscan V=107% , H=107% 
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B - ZOOM MODE 4/3

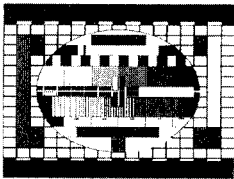
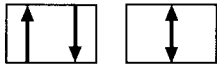
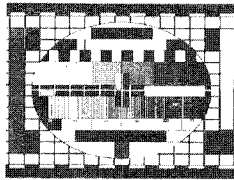
Signal : 4/3 test pattern

< 4/3 > ZOOM 1		overscan V=119% , H=119% 
<< 4/3 >> ZOOM 2		overscan V=137% , H=137% 

C - ZOOM MODE 16/9

Signal : 4/3 test pattern

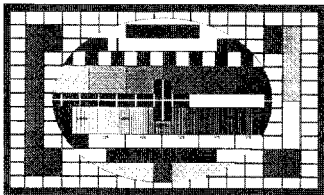
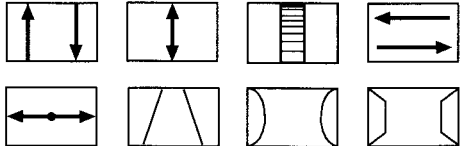
- 1 - Adjust the horizontal overscan (screen edge is the reference)
- 2 - Adjust Vertical Amplitude until the oval height = 75% of the oval width.

16/9 Standard mode		overscan V=80% , H=107% 
< 16/9 > ZOOM 1		overscan V=89% , H=119% 

ZOOM MODE ALIGNMENT - RECEIVER : TV WITH 16/9 TUBE AND ZOOM MODULE

A - PRECONDITION

- Select GEOM in Service mode and adjust all parameters VOLT, H-VCO and GEOMETRY.

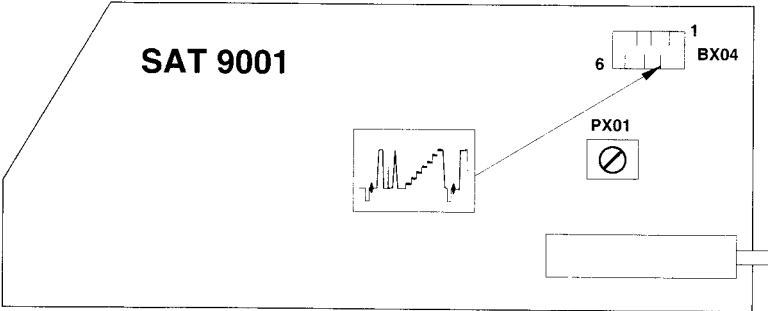
16 / 9		overscan V=107% , H=107% 
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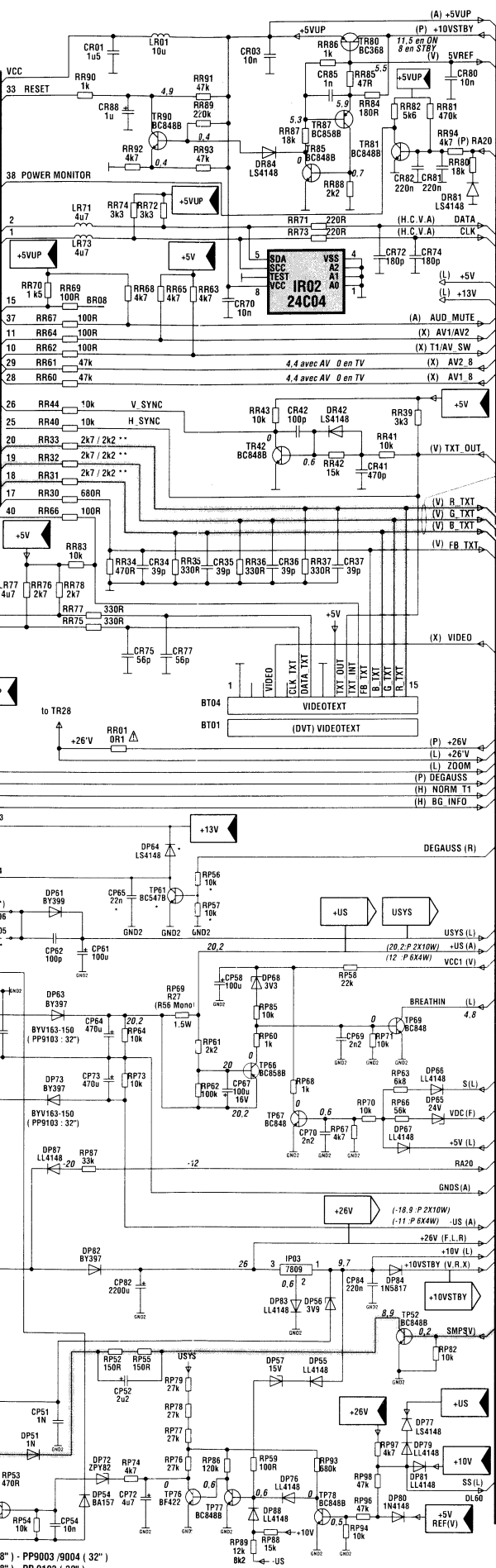
B - GEOMETRY MODES ON 16/9 TUBES
Signal : 4/3 test pattern

4/3 Centered		overscan V=107% , H=77% of the screen
< 4/3 > wide		overscan V=133% , H=107%
4/3 PANNING		overscan V=133% , H=107%
4/3 CINE		overscan V=152% , H=114%

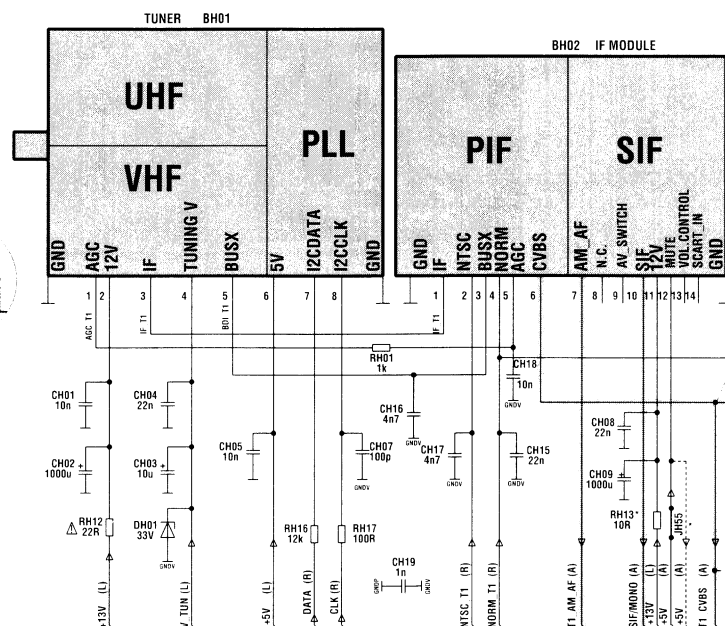
SATELLITE MODULE - MODULE SATELLITE - SATELLITEN BAUSTEIN
MODULO SATELLITE - MÓDULO SATELITE

	ALIGNMENT	ABGLEICH
1.	SIGNAL -Astra signal - 16MHz Deviation / Hub - min. 60dBuV 	
2.	OSD-Menu < SAT PROGR > - Select corresponding antenna input - Adjust Video Level Step 3.	OSD-Menü < SAT PROGR > - Den verwendeten Antenneneingang wählen - Video Pegel Step 3 entsprechenden
3.	 Pin2 BX04 oscilloscope 0.5 V / 10 uS Adjust PX01 for 2,1 Vpp. 	 0.5 V / 10 uS 2,1 Vpp



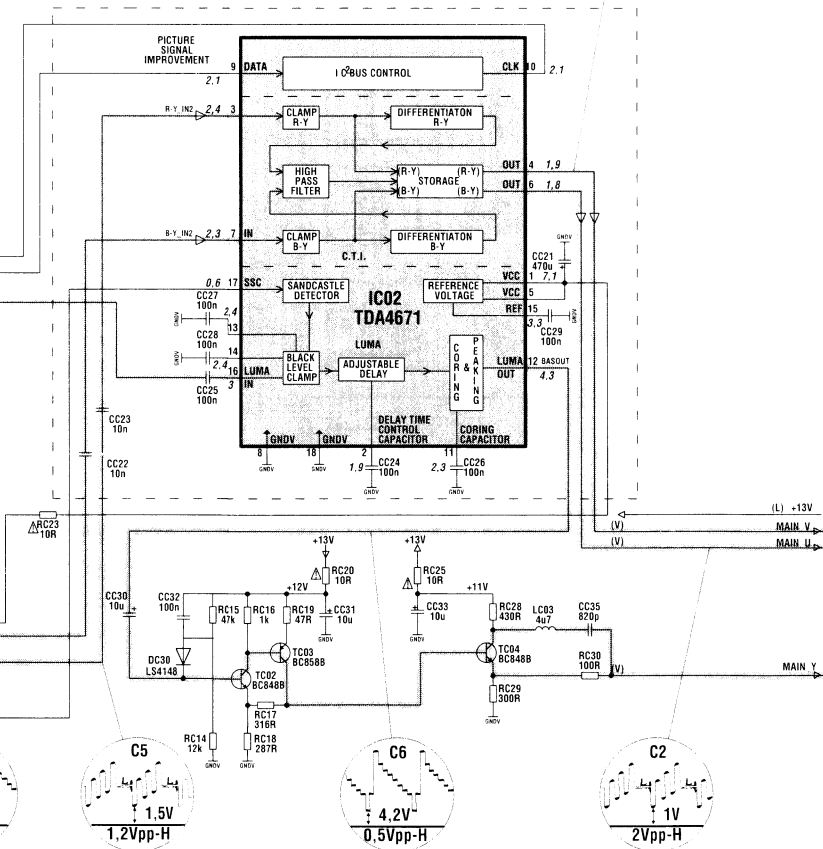
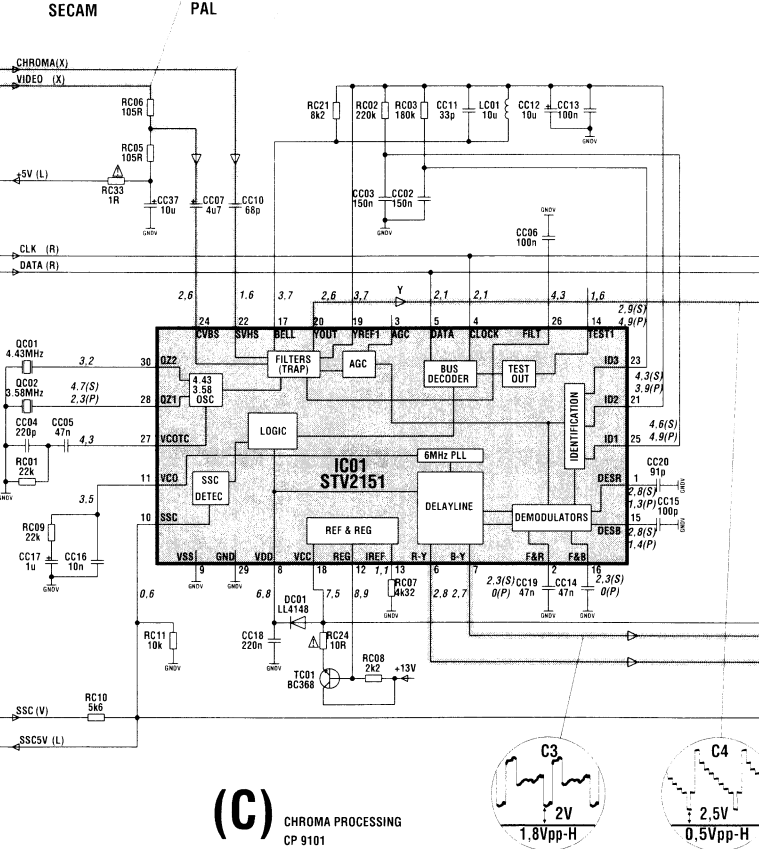
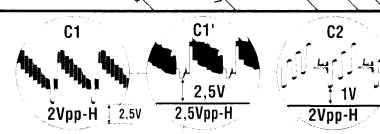
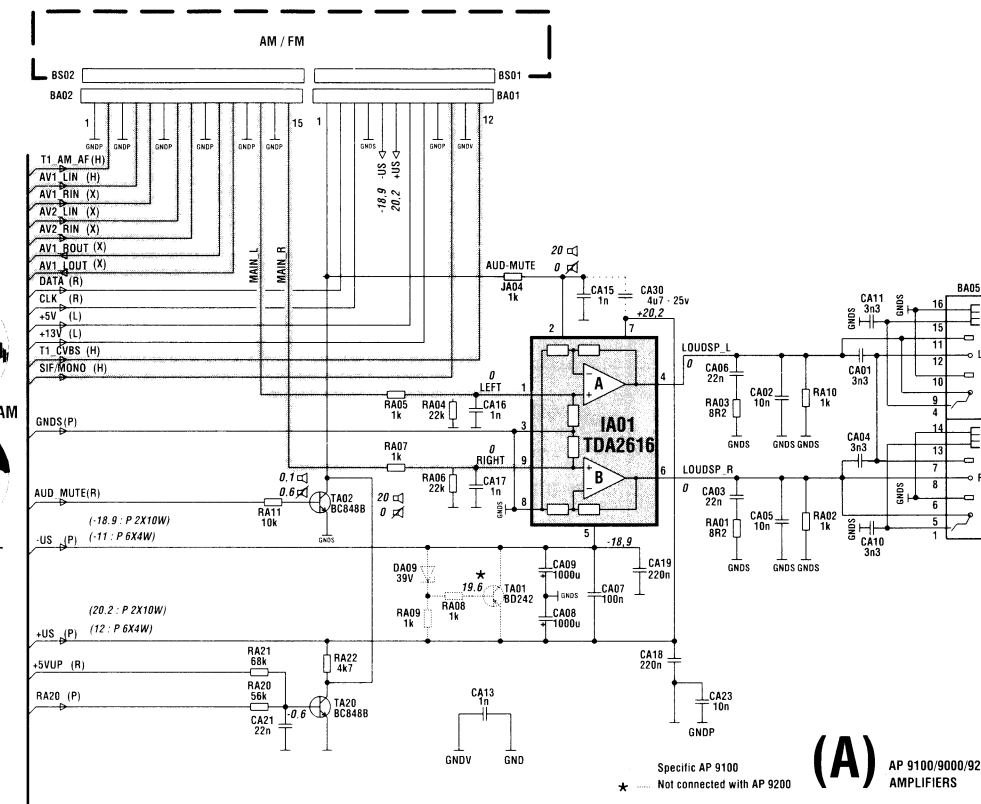
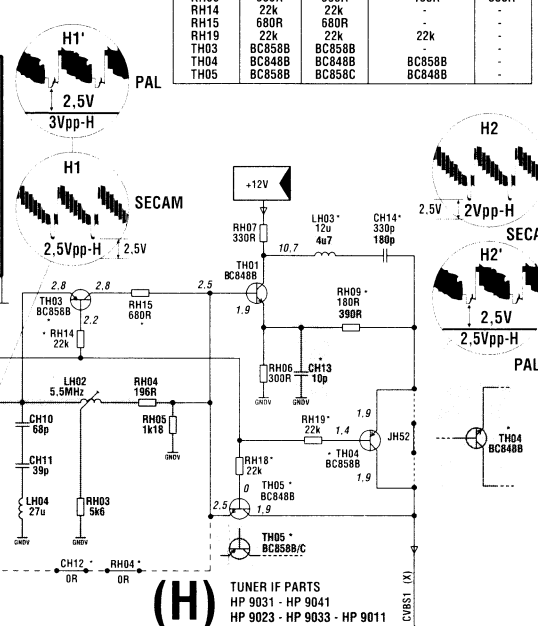


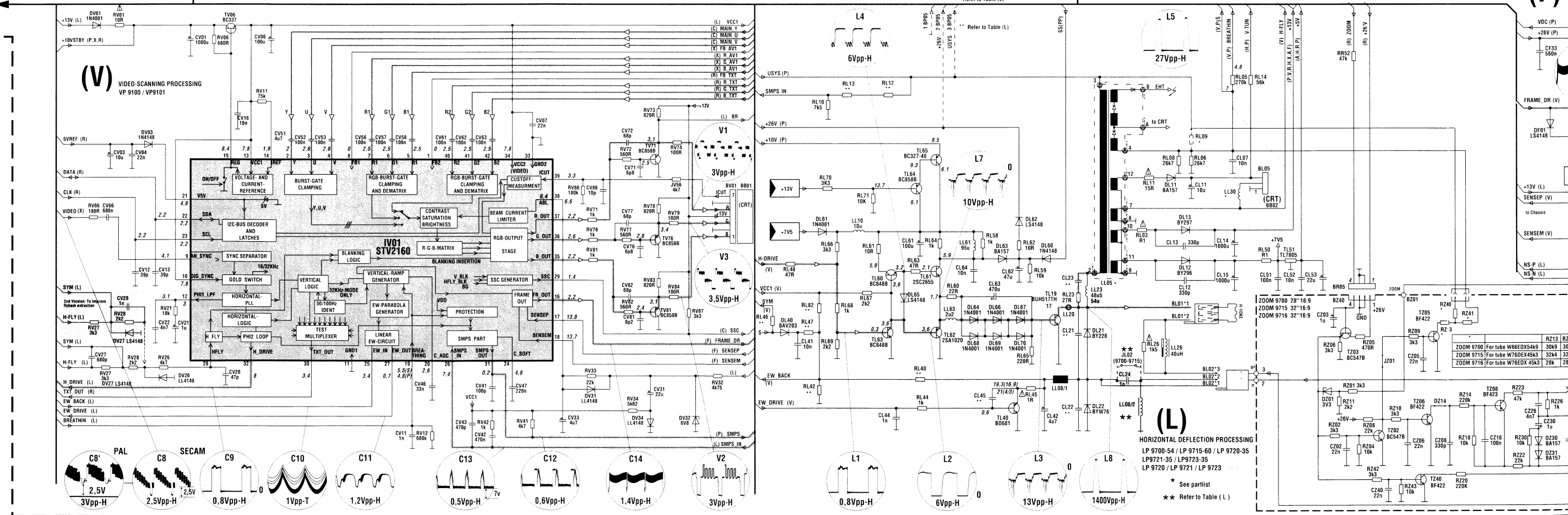
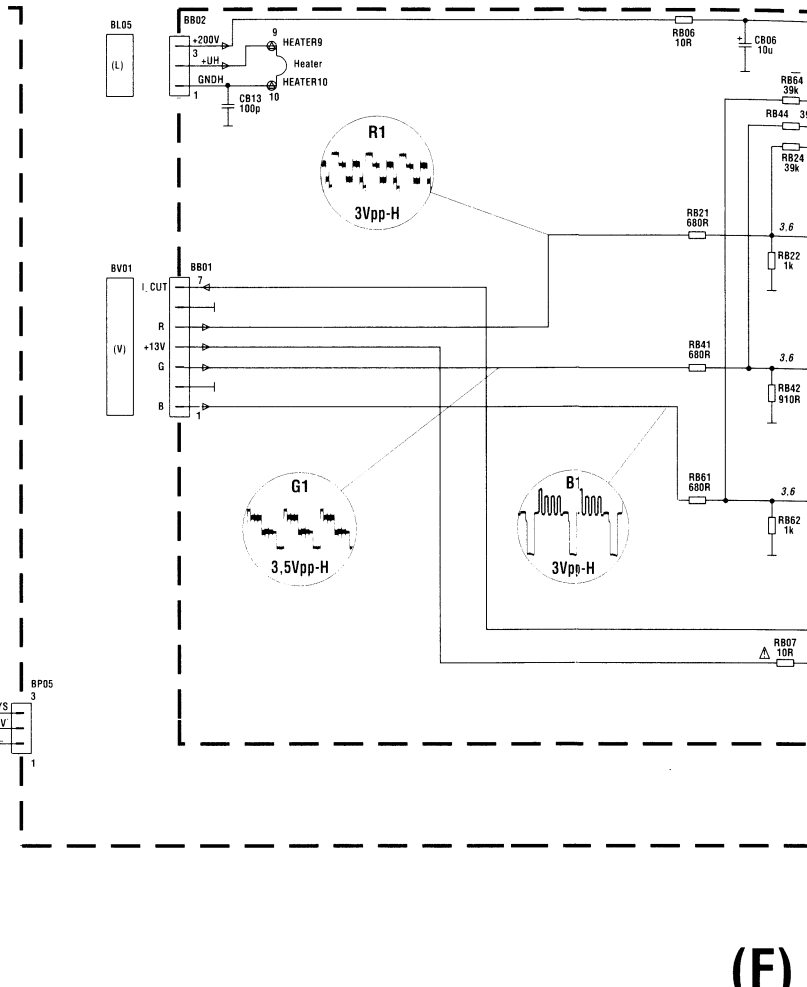
MC-Service

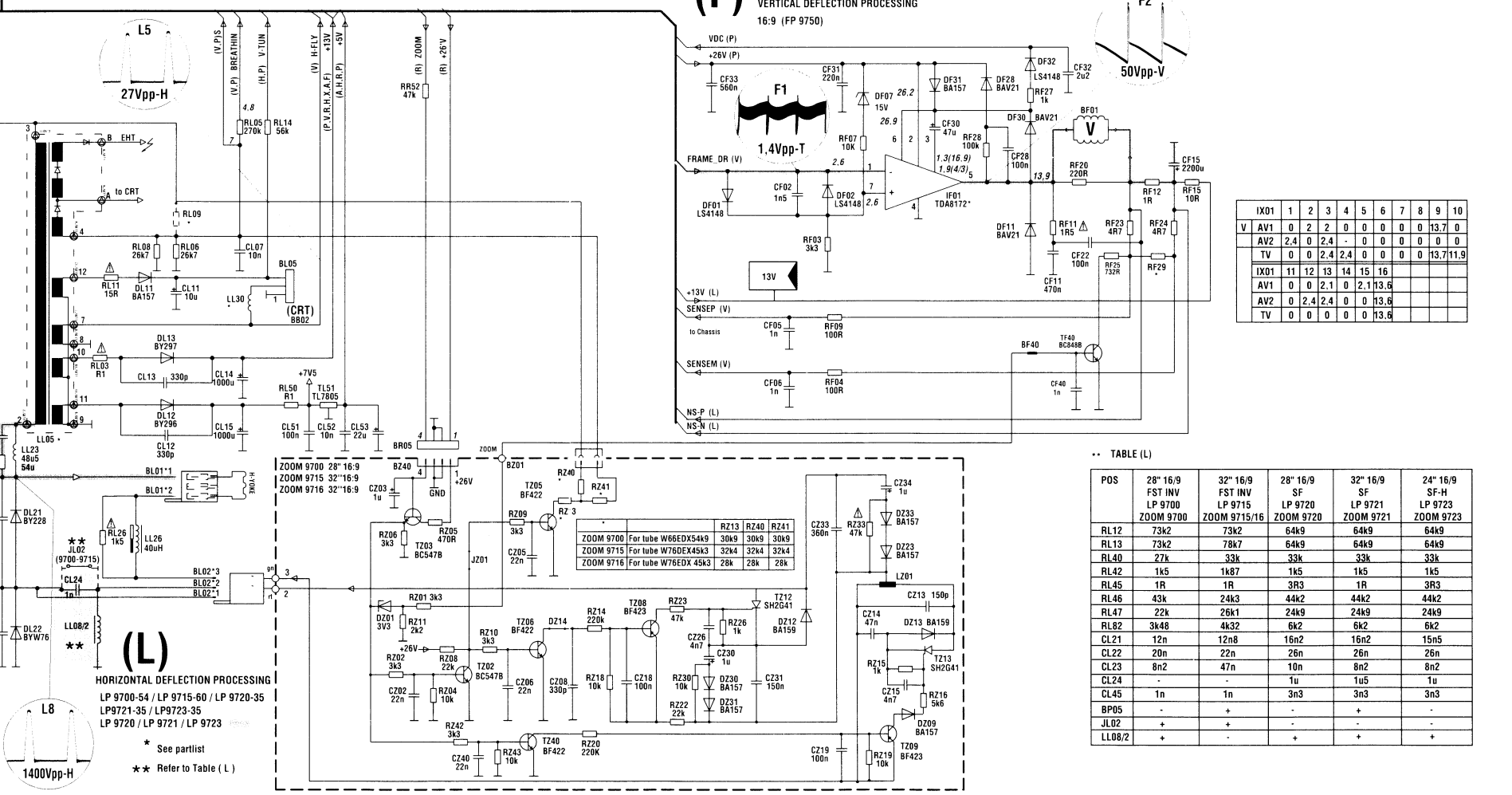
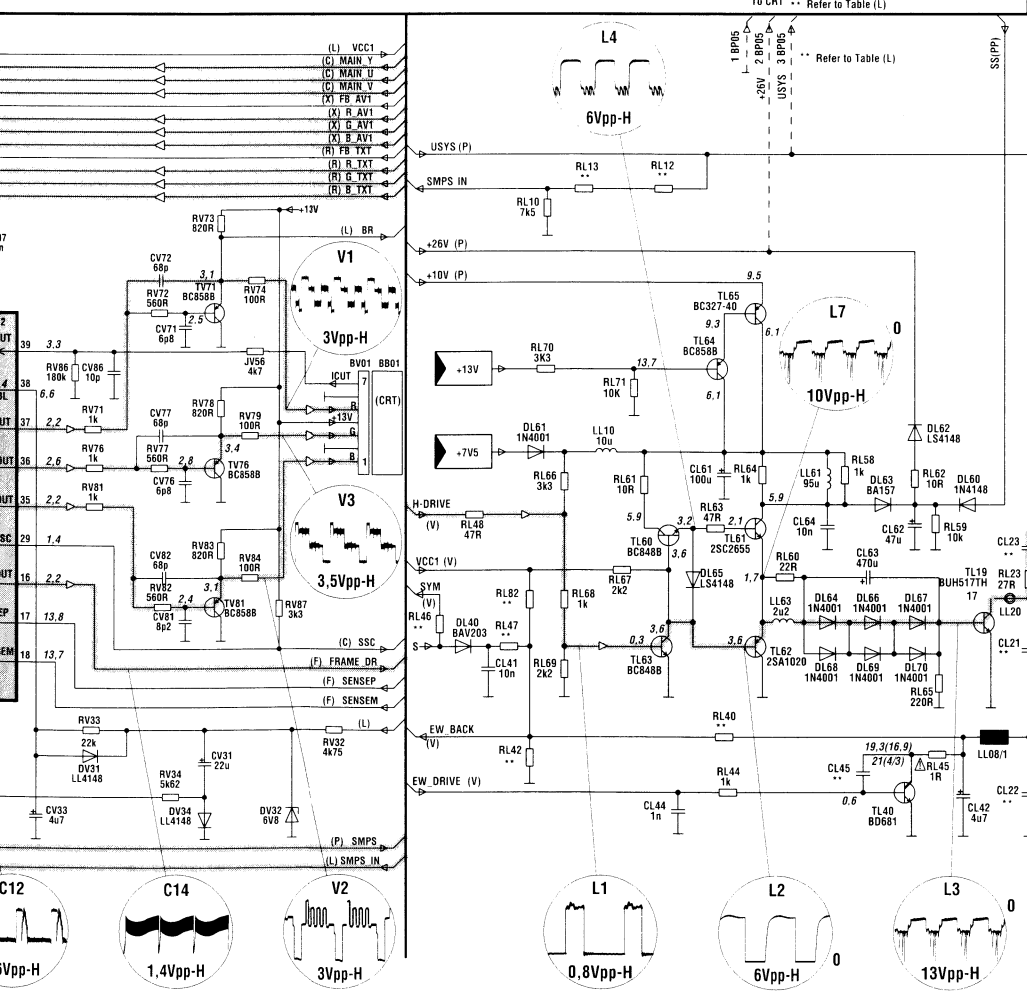
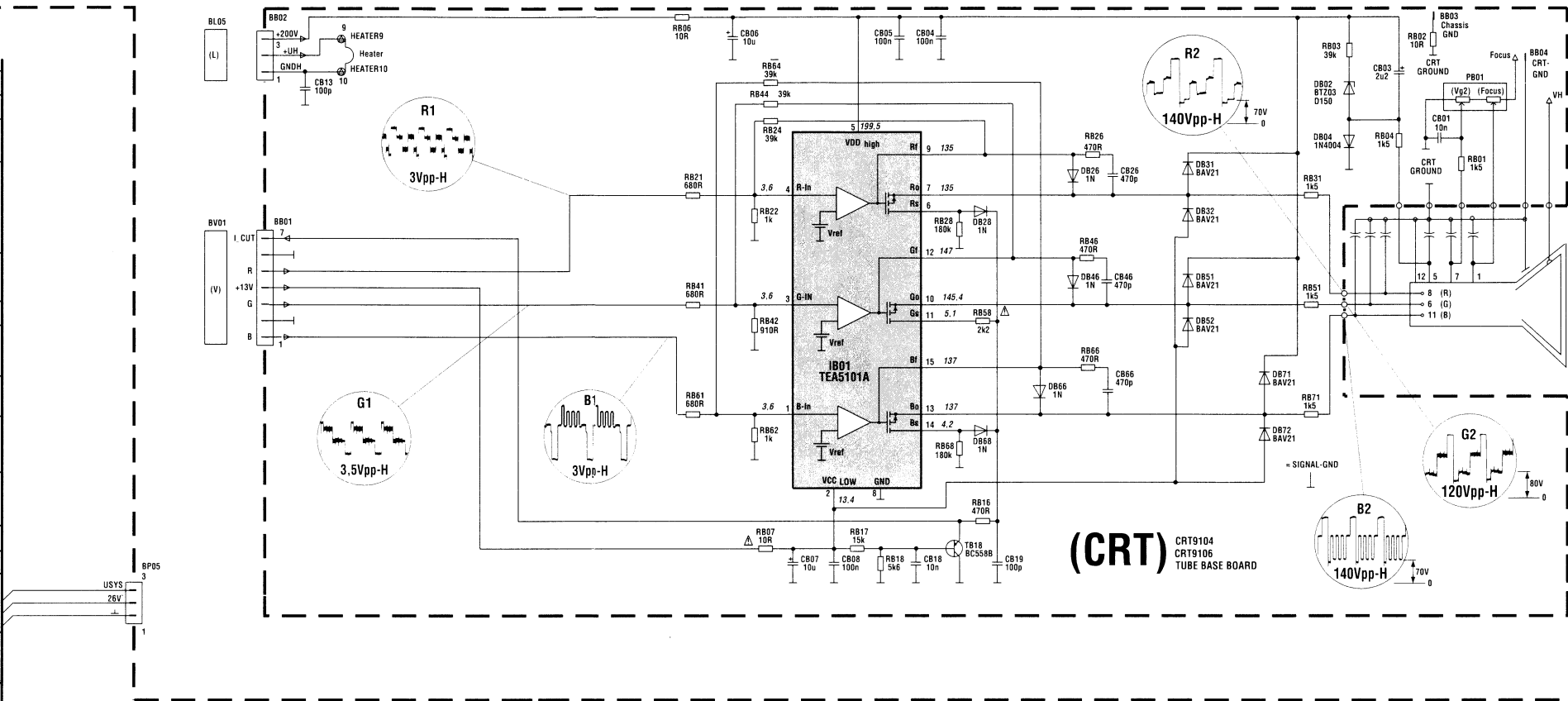
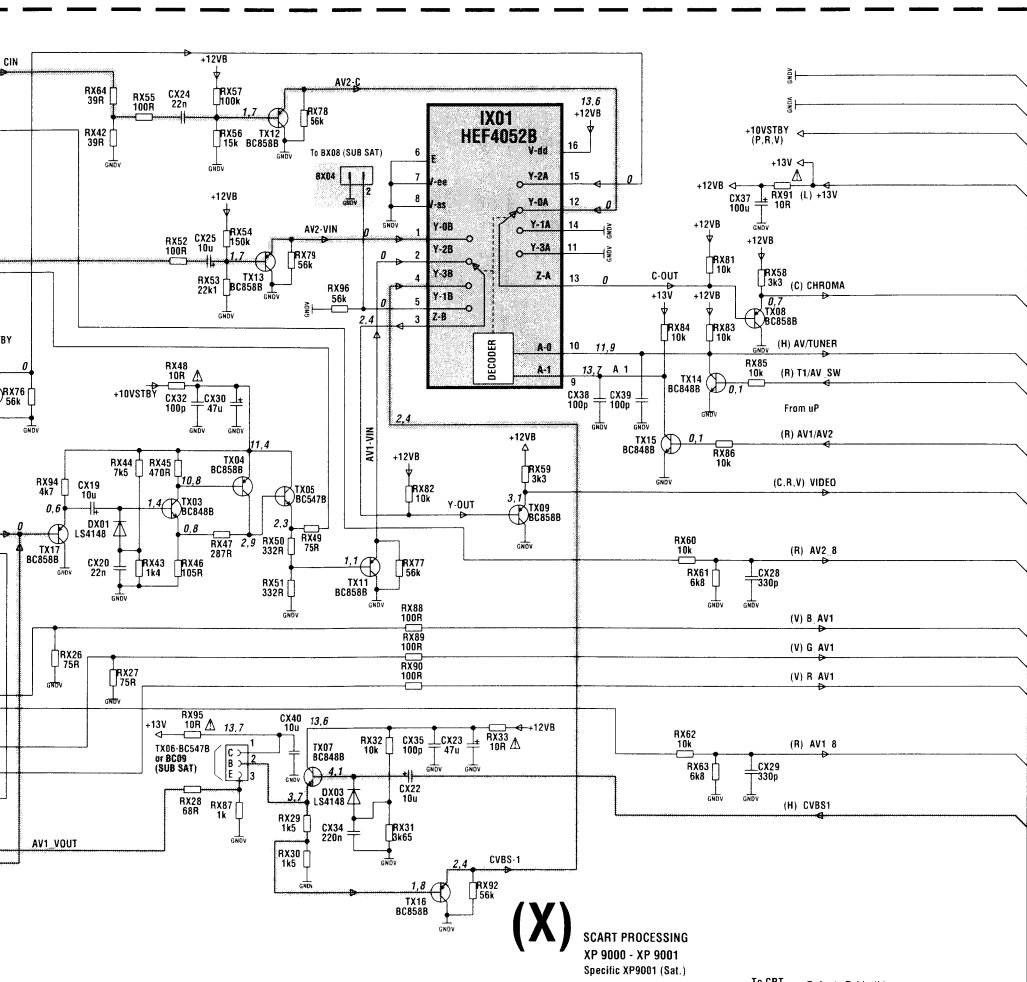


TABLE

	IF2343	IF3342	IF3342	IF2332
HF / FI	HP9023	HP9033	HP9031 / HP9041	HP9011
CH12	10p	10p	OR	10p
CH13	180p	180p	330p	180p
CH14	-	-	-	+
JH52	-	-	-	-
JH55	4u7	4u7	12u	4u7
LH03	196R	196R	OR	316R
RH04	330R	330R	300R	330R
RH09	330R	330R	180R	330R
RH14	22k	22k	-	-
RH15	680R	680R	-	-
RH19	22k	22k	22k	-
TH03	BC858B	BC858B	BC858B	-
TH04	BC858B	BC858B	BC858B	-
TH05	BC858B	BC858B	BC858B	-



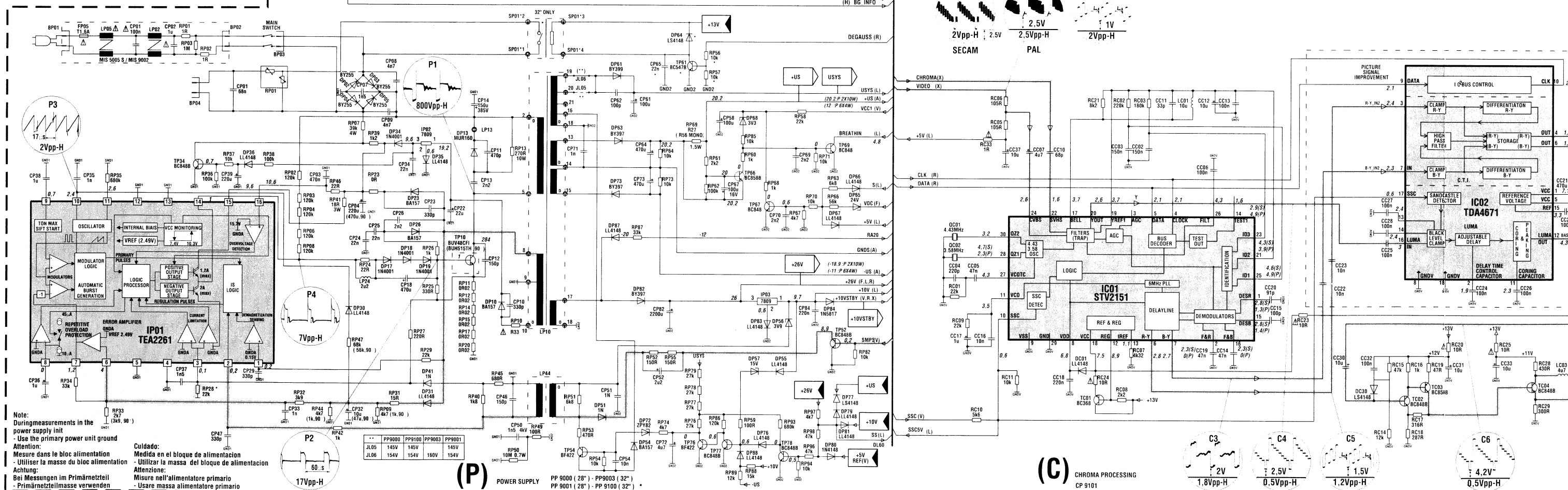


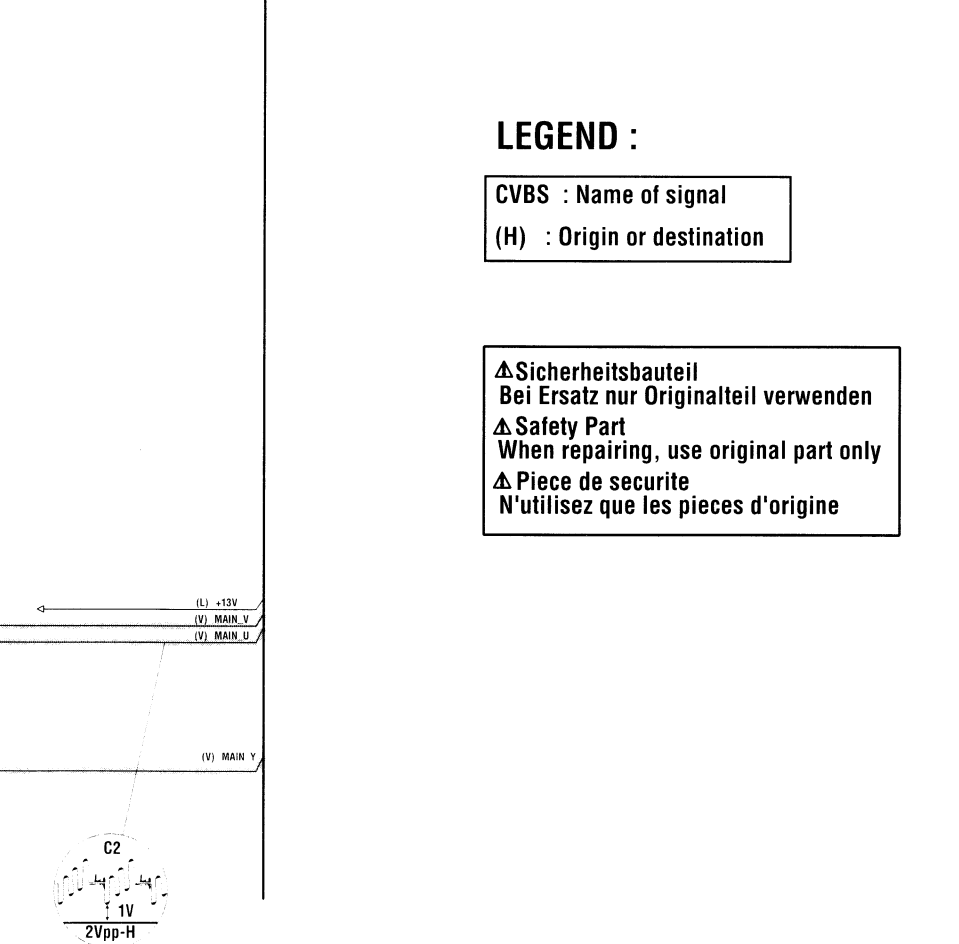
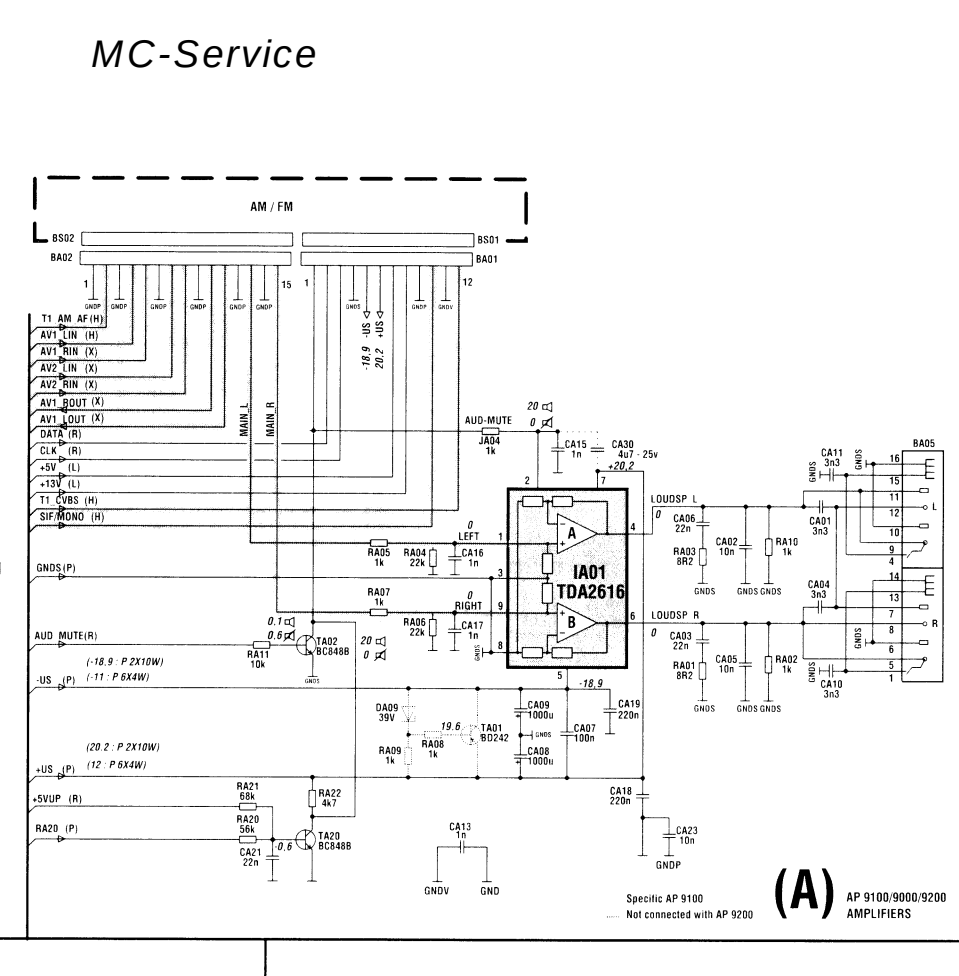
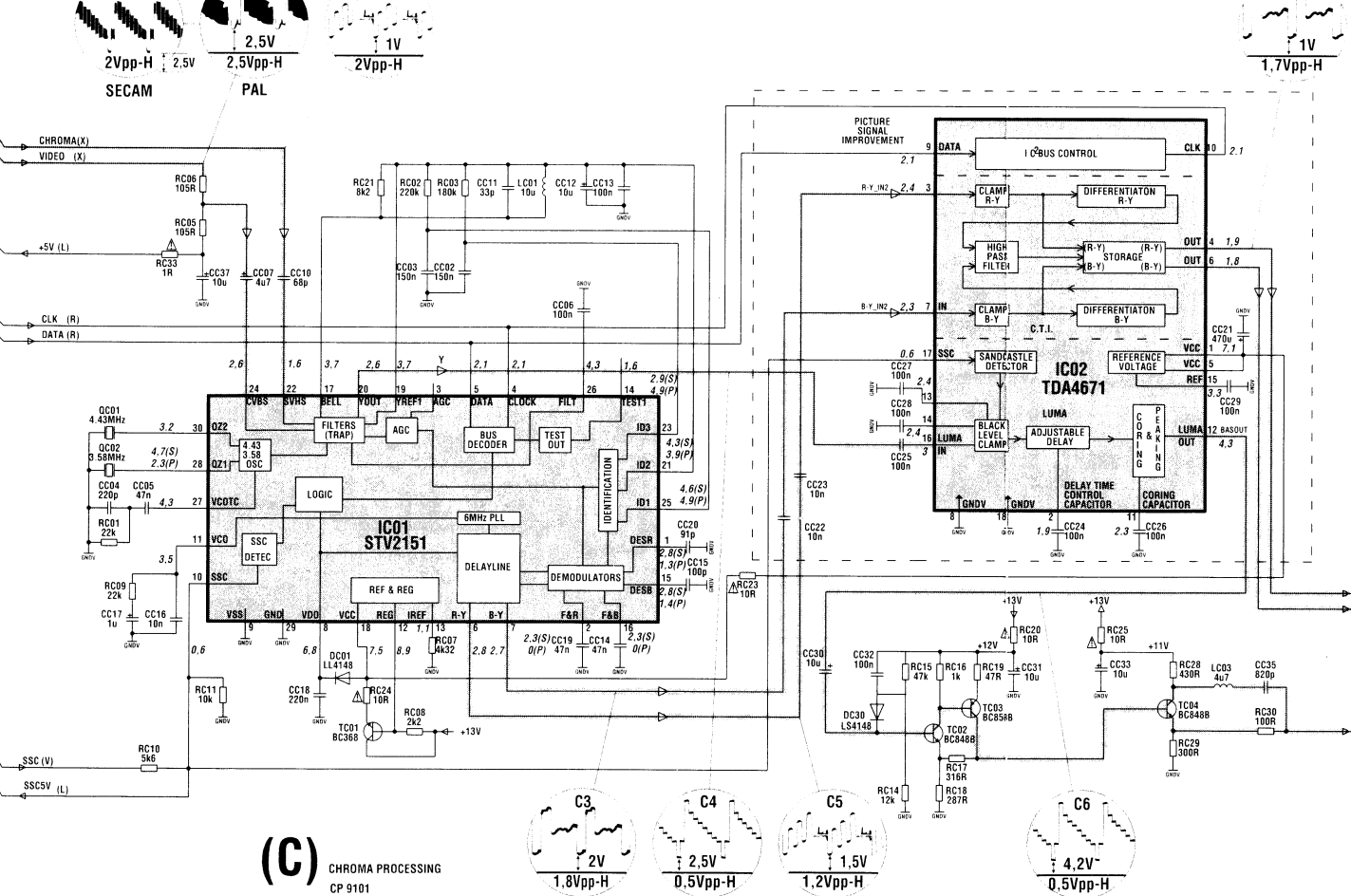
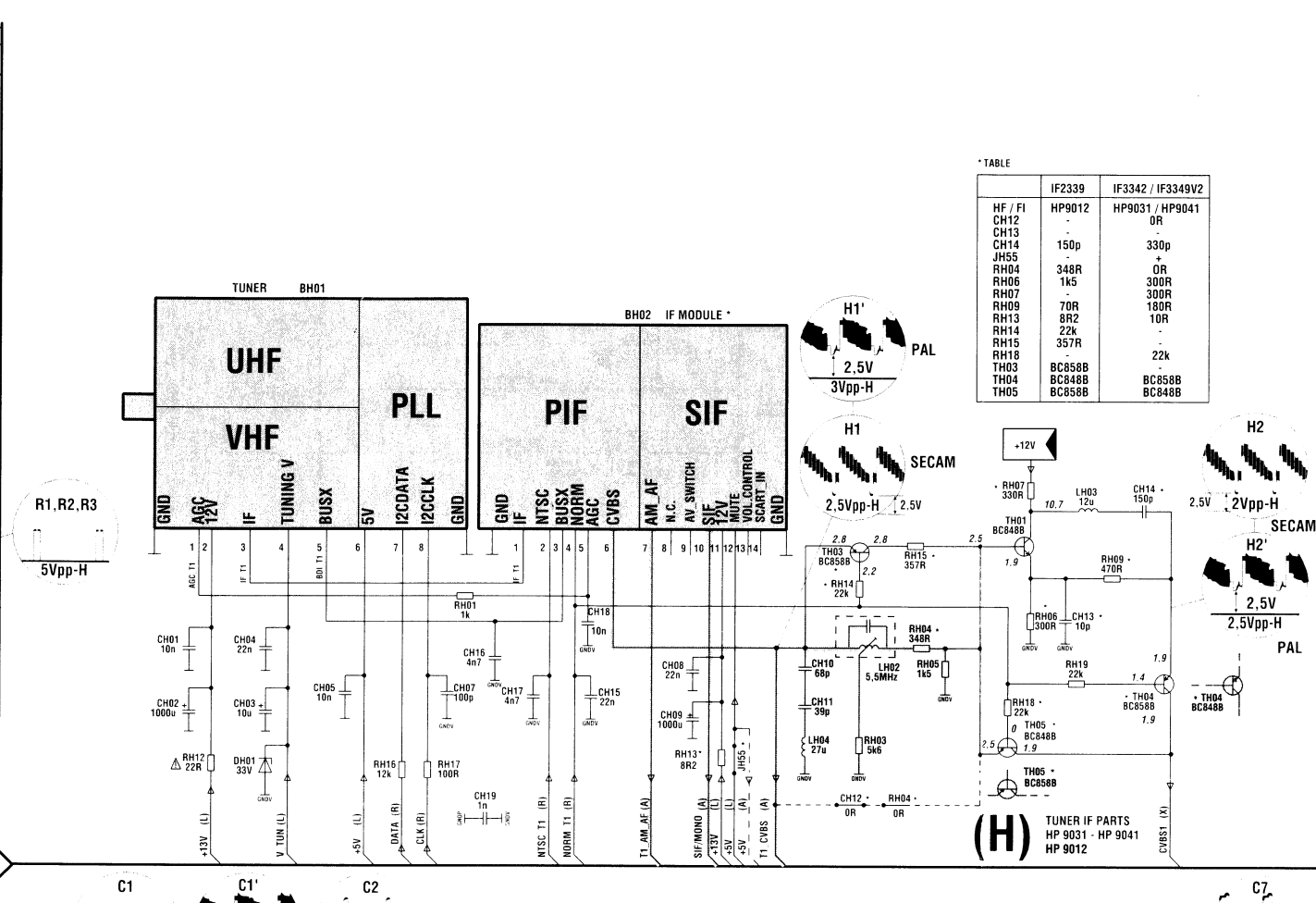
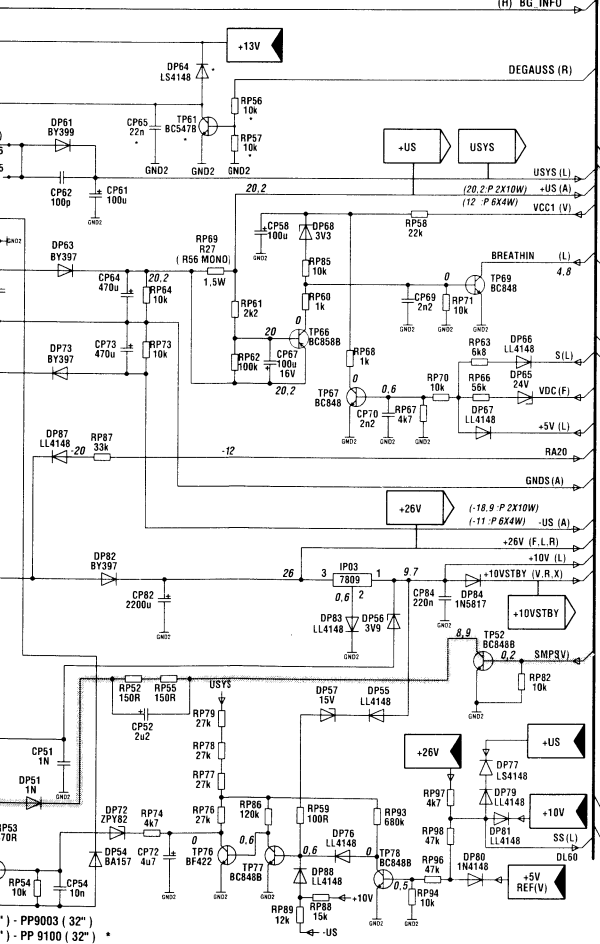
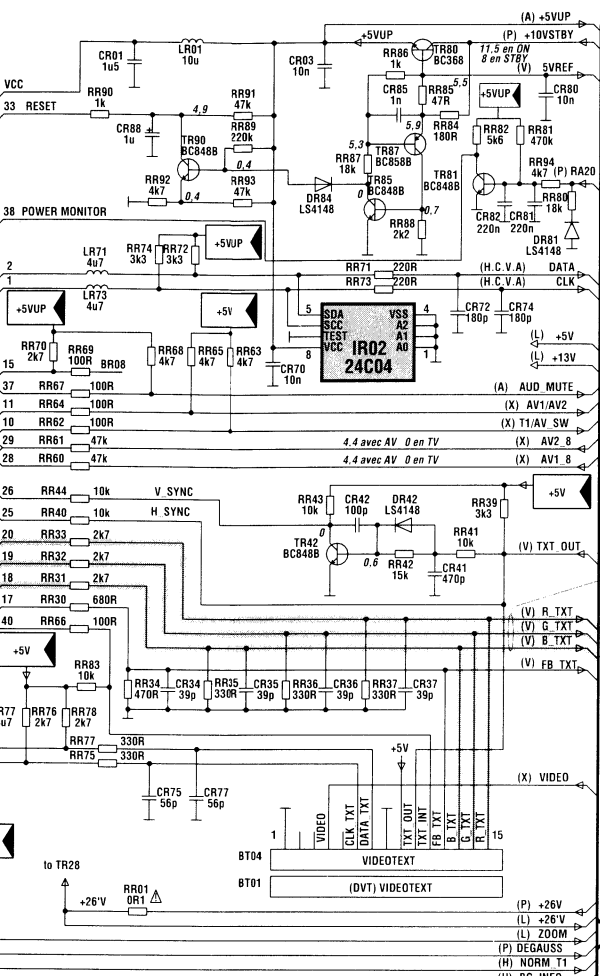


MC-Service

IX01	1	2	3	4	5	6	7	8	9	10
V AV1	0	2	2	0	0	0	0	0	13.7	0
AV2	2.4	0	2.4	-	0	0	0	0	0	0
TV	0	0	2.4	2.4	0	0	0	0	13.7	11.9
IX01	11	12	13	14	15	16				
AV1	0	0	2.1	0	2.1	13.6				
AV2	0	2.4	2.4	0	0	13.6				
TV	0	0	0	0	0	13.6				

POS	28" 16/9 FST INV LP 9700 ZOOM 9700	32" 16/9 FST INV LP 9715 ZOOM 9715/16	28" 16/9 SF LP 9720 ZOOM 9720	32" 16/9 SF LP 9721 ZOOM 9721	24" 16/9 SF-H LP 9723 ZOOM 9723
RL12	73k2	73k2	64k9	64k9	64k9
RL13	73k2	78k7	64k9	64k9	64k9
RL40	27k	33k	33k	33k	33k
RL42	1k5	1k87	1k5	1k5	1k5
RL45	1R	1R	3R3	1R	3R3
RL46	43k	24k3	44k2	44k2	44k2
RL47	22k	26k1	24k9	24k9	24k9
RL82	3k48	4k32	6k2	6k2	6k2
CL21	12n	12n8	16n2	16n2	15n5
CL22	20n	22n	26n	26n	26n
CL23	8n2	47n	10n	8n2	8n2
CL24	-	-	1u	1u5	1u
CL45	1n	1n	3n3	3n3	3n3
BP05	-	-	-	-	-
JL02	+	+	+	+	+
LL08/2	+	+	+	+	+





LEGEND :

CVBS : Name of signal

(H) : Origin or destination

⚠ Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
⚠ Safety Part
When repairing, use original part only
⚠ Piece de securite
N'utilisez que les pieces d'origine

(C) CHROMA PROCESSING
CP 9101

	IF2339	IF3342 / IF3349V2
HF / FI	HP9012	HP9031 / HP9041
CH12		OR
CH13	150p	330p
CH14		OR
JH55	340R	300R
RH04	1K5	300R
RH06		300R
RH07	70R	180R
RH09	8R2	10R
RH13	22K	357R
RH14		22K
RH15		22K
RH18		22K
TH03	BC858B	BC858B
TH04	BC848B	BC848B
TH05	BC858B	BC848B

(H) TUNER IF PARTS
HP 9031 - HP 9041
HP 9012

MC-Service

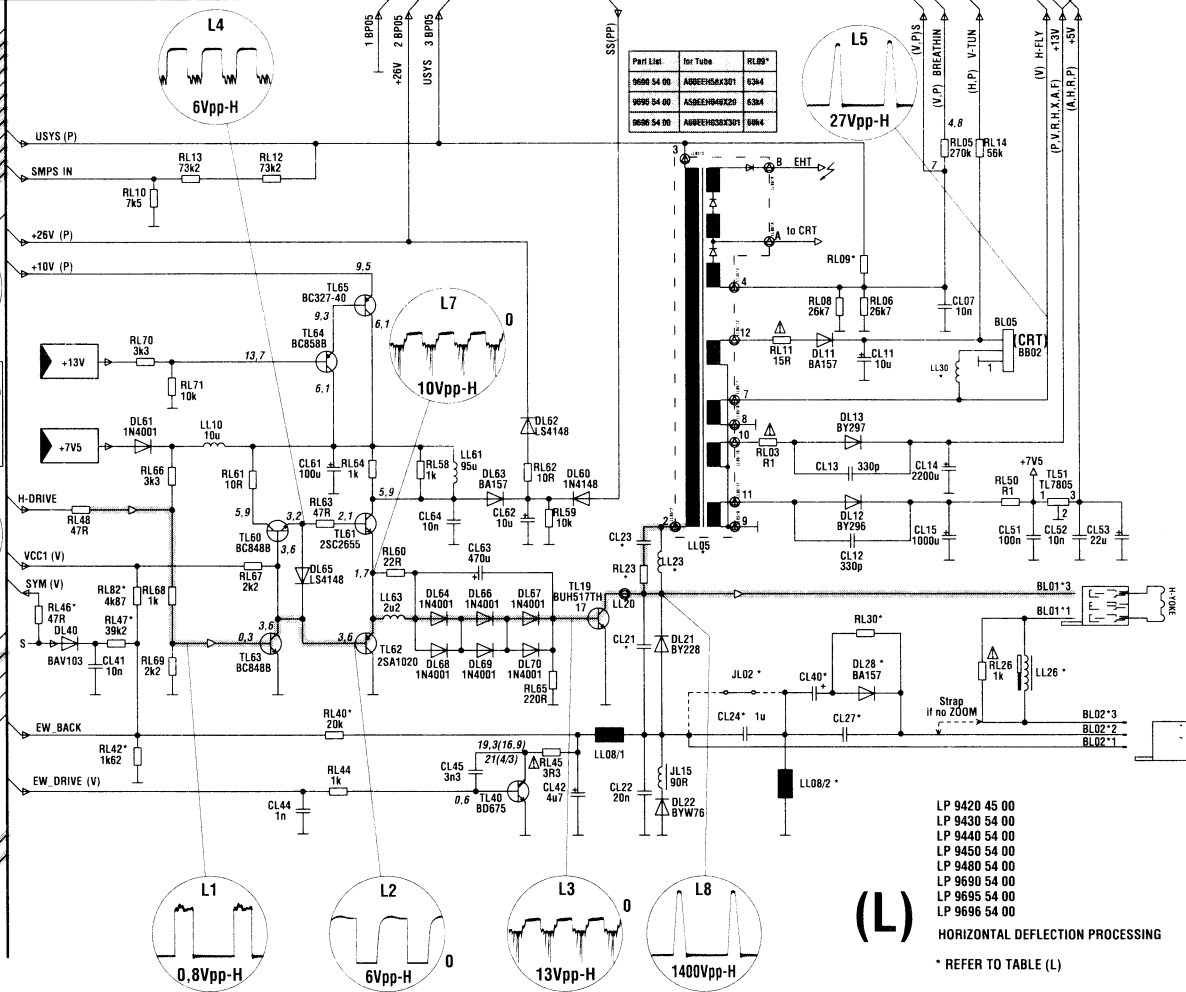
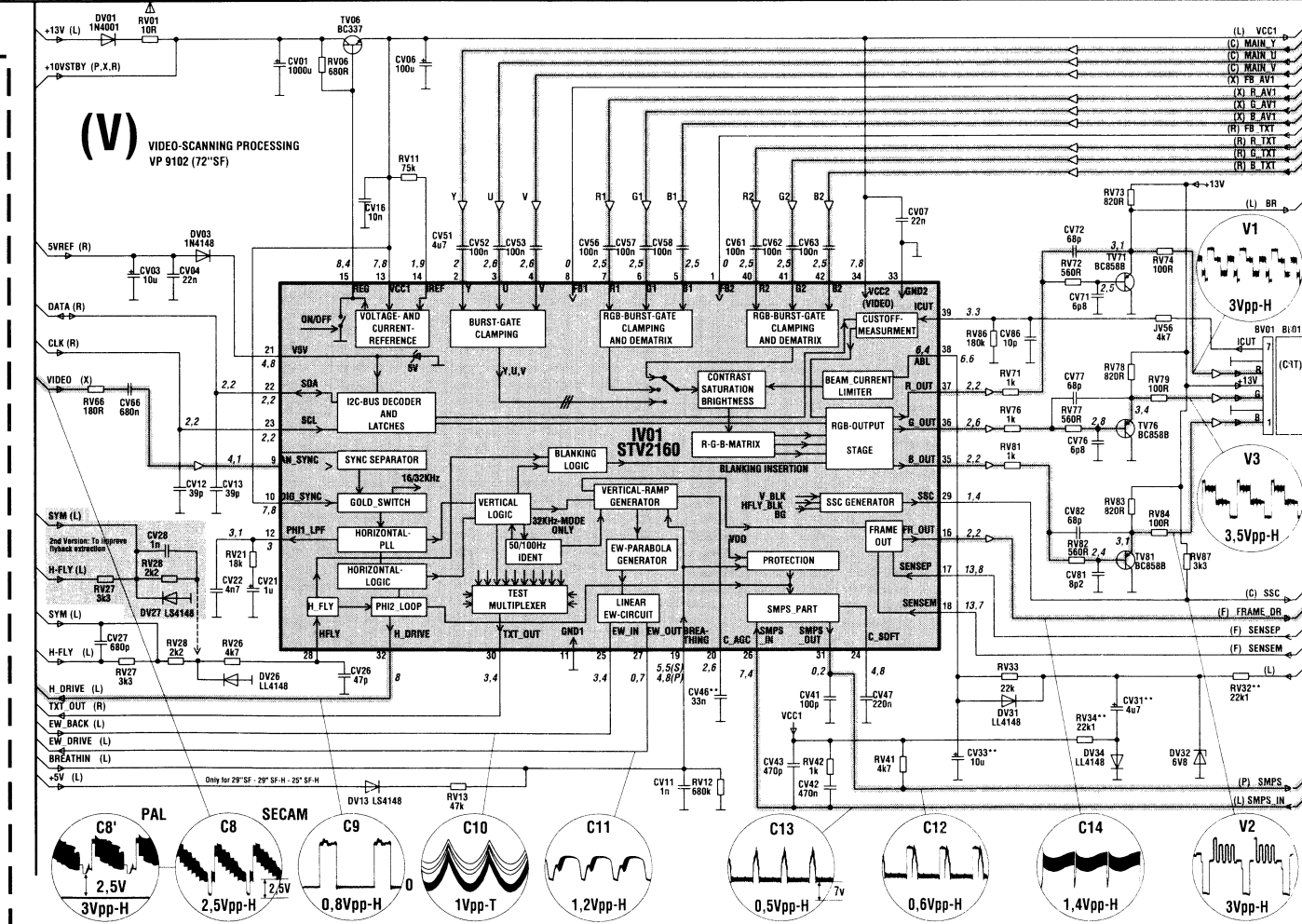
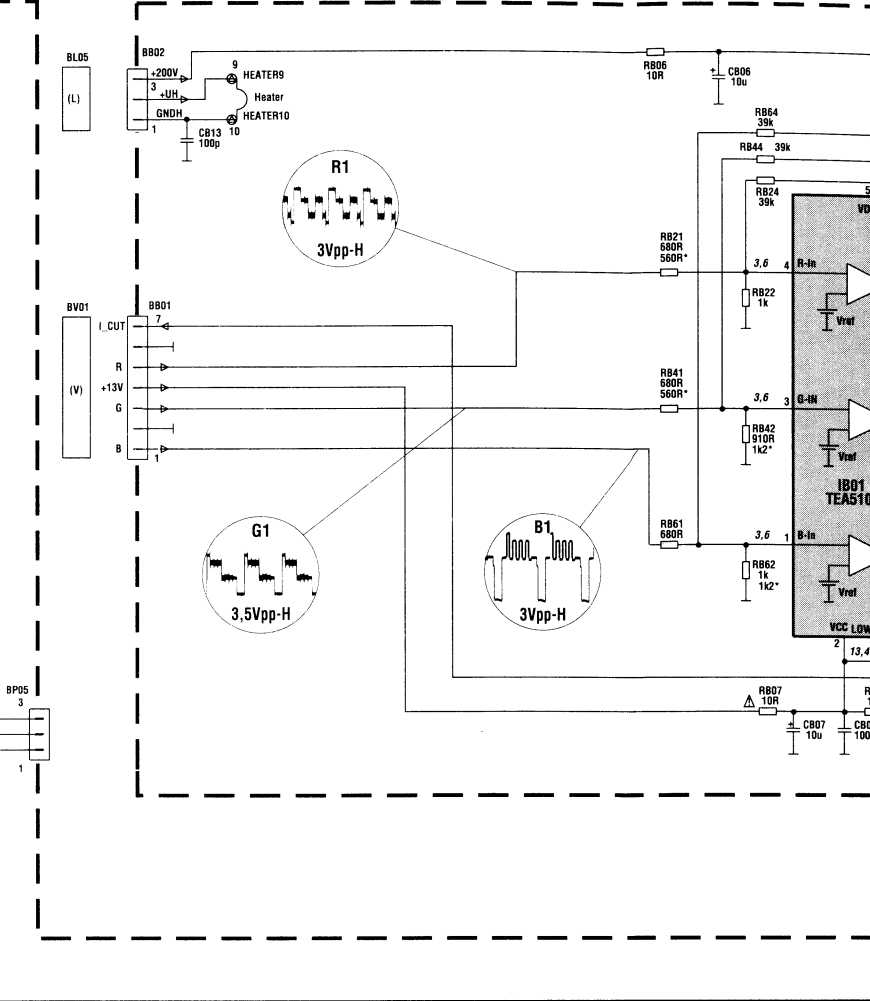
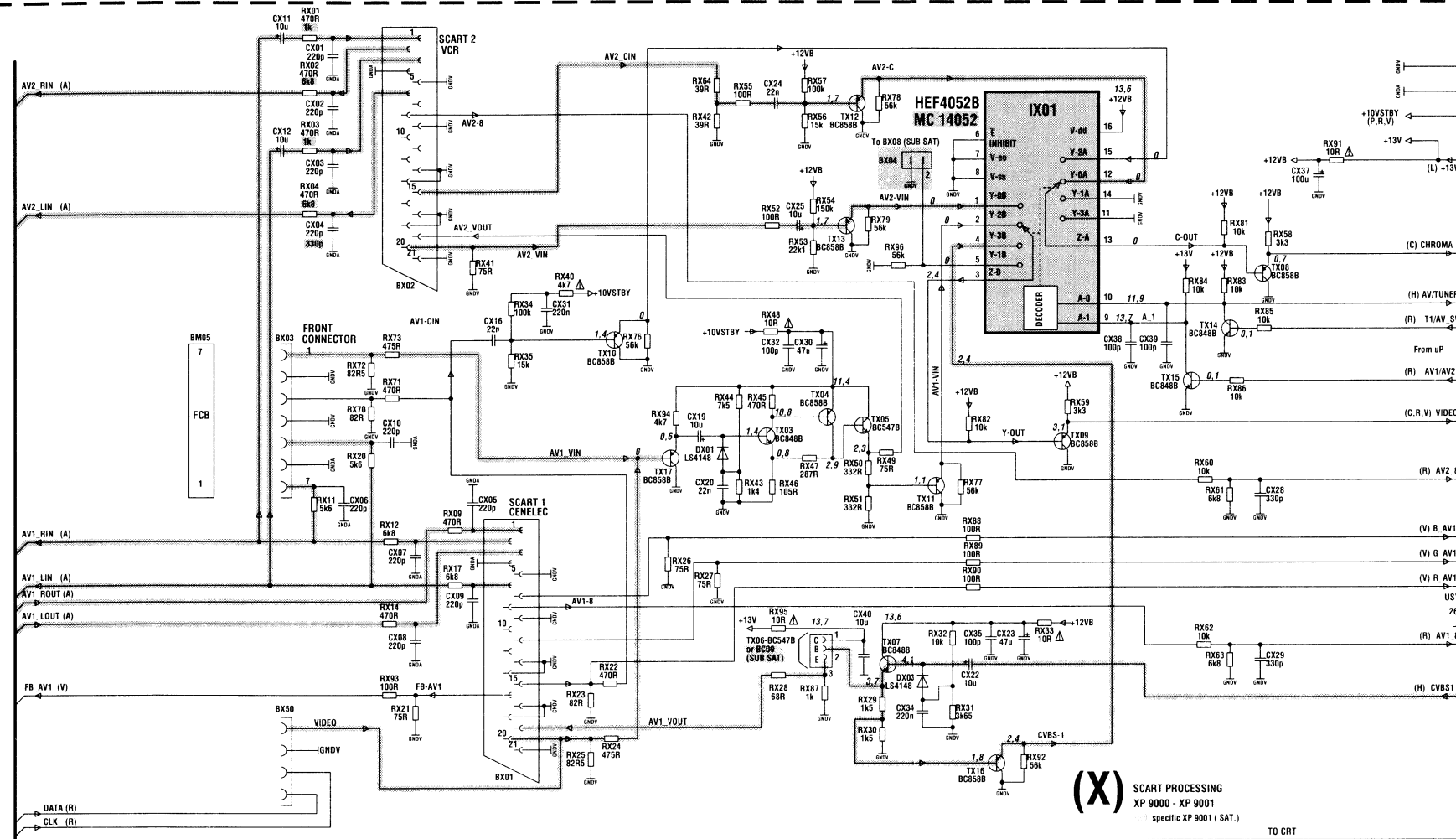
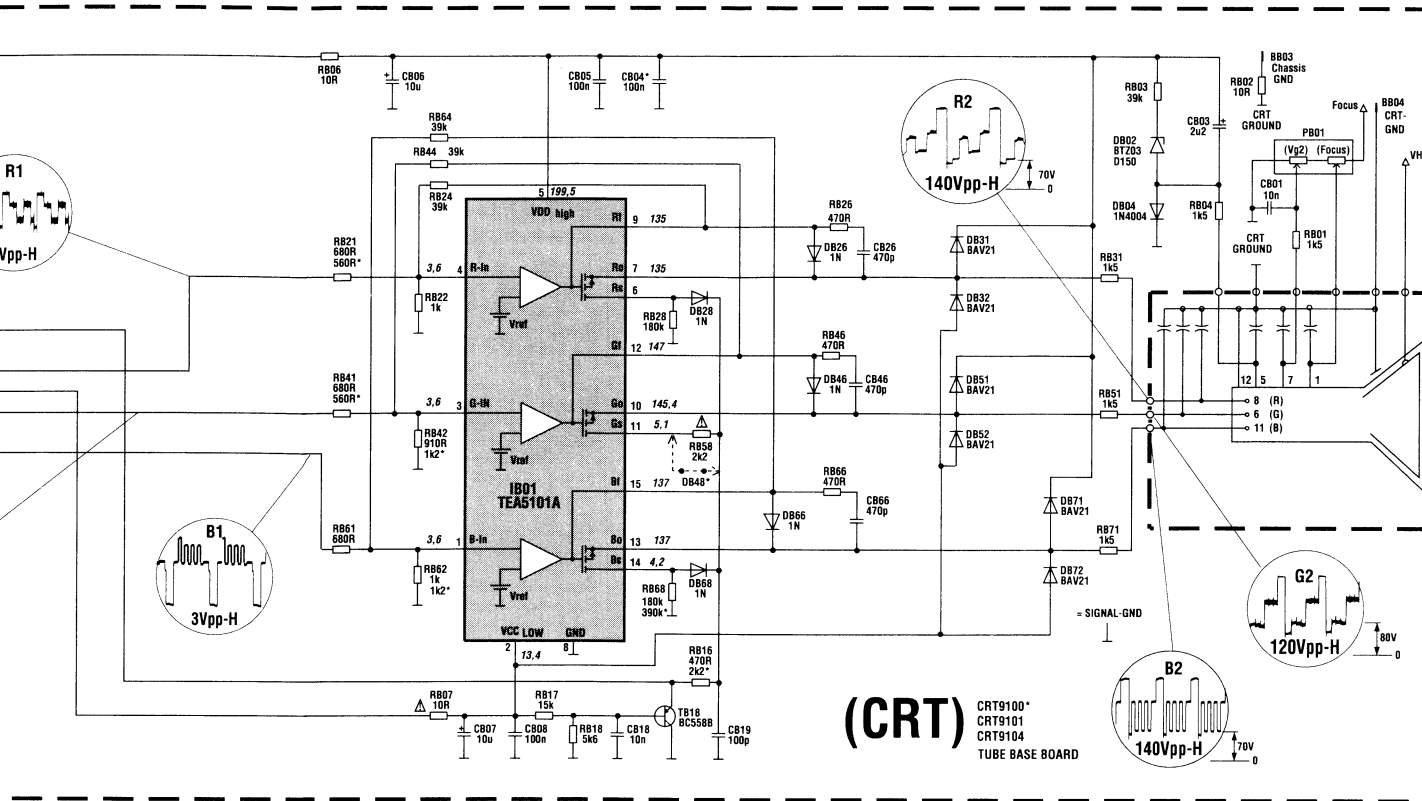


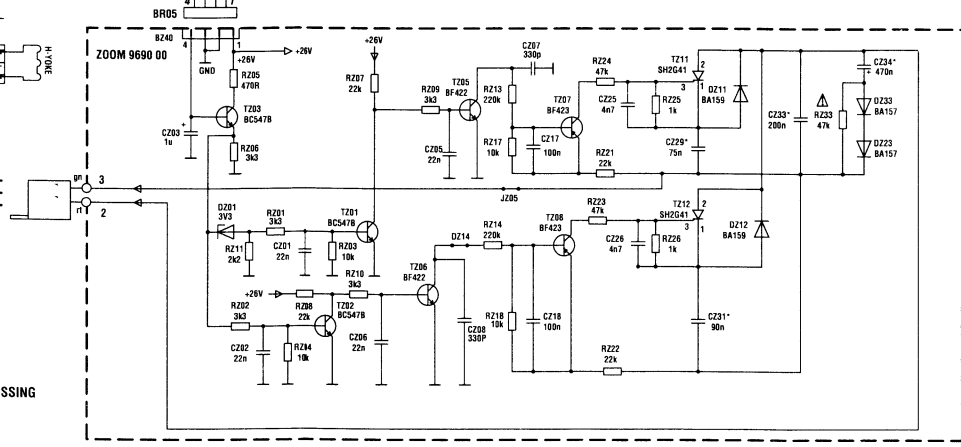
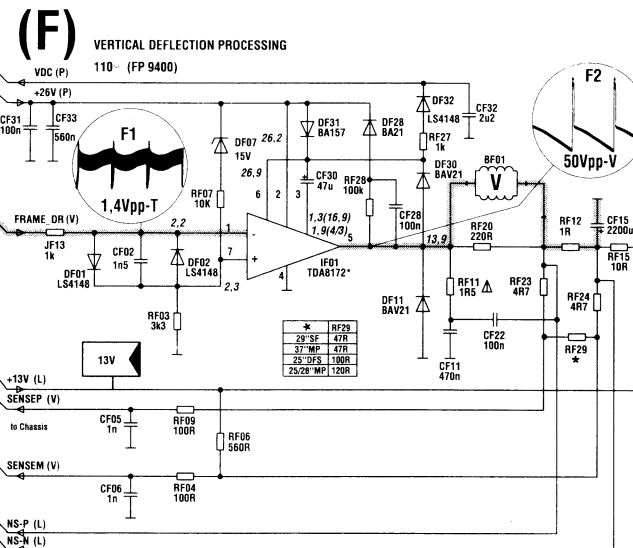
TABELA / TABLE (L)

POS	FST-INV 21"	FST-INV 28"	DFS 28"	FST-INV 28"
CL21	12n4	12n	12n	
CL22	26n	22n	26n	
CL23	8n2	8n2	8n2	
CL24	1u	1u	1u	
CL27	510n	470n	680n	
CL40	2u2	1u	3u3	
DL28	BA157	BA157	BA157	
JL02				
LL05	DST FS	DST BSP9	DST BSP9	
LL23	45u5	48u5	48u5	
LL26	30u	27u	30.5u	
LL30	35u	23u	23u	
RL09	90k9	69k8	69k8	
RL23	27R	27R	27R	
RL30	4k7	4k7	4k7	
RL40	22k	39k	22k	
RL42	2k32	3k3	2k1	
RL46	442k	56k	158k	
RL47	27k	33k	22k	
RL82	5k9	7k87	7k87	
RF29	133R	120R	100R	



*** TABELLE / TABLE (L)**

POS	FST-INV 21" LP9420-45	FST-INV 28" LP9430-54	DFS 28" LP9440-54	FST / MP 33" LP9480-54	SF-H 25" LP9695-54	SF-H 29" LP9696-54
CL21	12n4	12n	12n	12n	13n1	13n1
CL22	26n	22n	26n	26n	20n	20n
CL23	8n2	8n2	8n2	8n2	3n3	3n3
CL24	1u	1u	1u	1u	-	-
CL27	510n	470n	680n	360n	-	-
CL40	2u2	1u	3u3	1u	2u2	2u2
DL28	BA157	BA157	BA157	BA157	-	-
JL02	-	-	-	-	-	-
LL05	DST FS	DST BSP9	DST BSP9	DST BSP9	DST C89 SF	DST C89 SF
LL23	45u5	48u5	48u5	48u5	24u	24u
LL26	30u	27u	30,5u	30u	27u	27u
LL30	35u	23u	23u	23u	35u	35u
RL09	90k9	69k8	69k8	64k9	61k9	60k4
RL23	27k	27k	27k	27k	120R	120R
RL30	4k7	4k7	4k7	18k	-	-
RL40	22k	39k	22k	47k	18k2	16k2
RL42	2k32	3k3	2k1	3k6	1k5	1k62
RL46	442k	56k	158k	68k	33k	33k
RL47	27k	33k	22k	56k	39k2	39k2
RL82	5k9	7k87	7k87	7k5	4k64	5k36
RF29	133R	120R	100R	82R	47R	47R

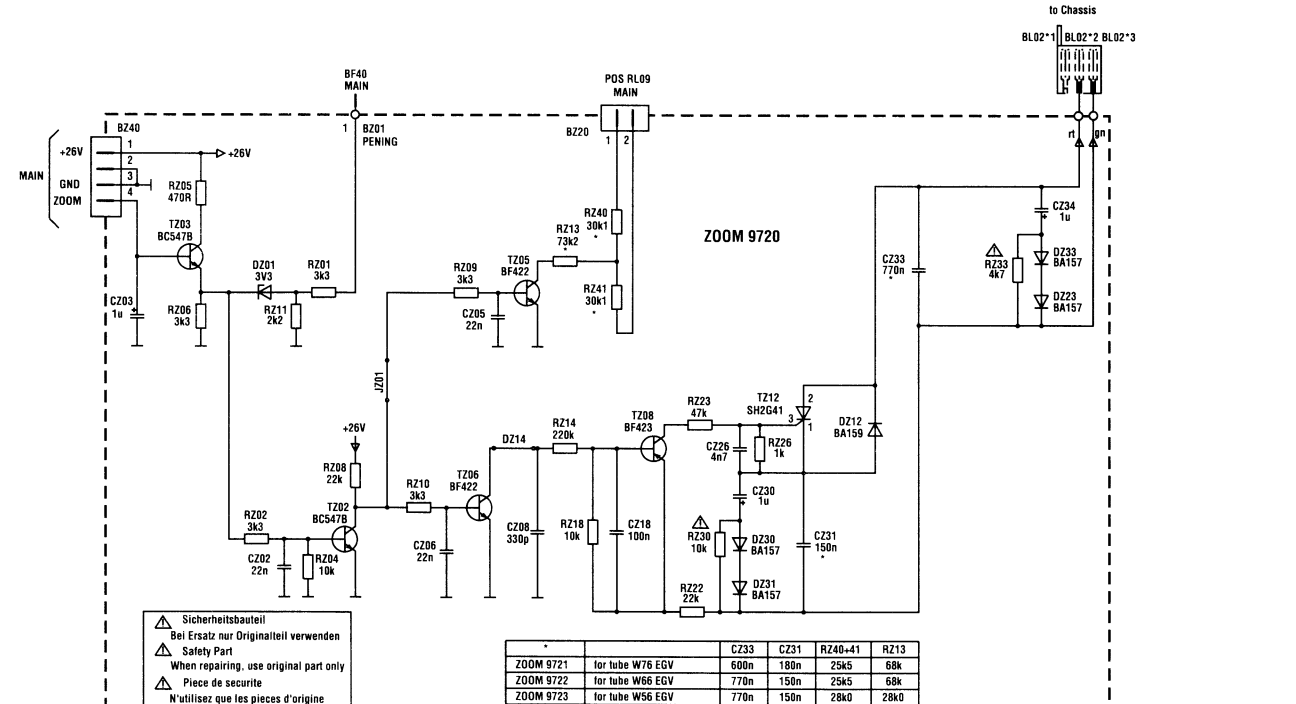
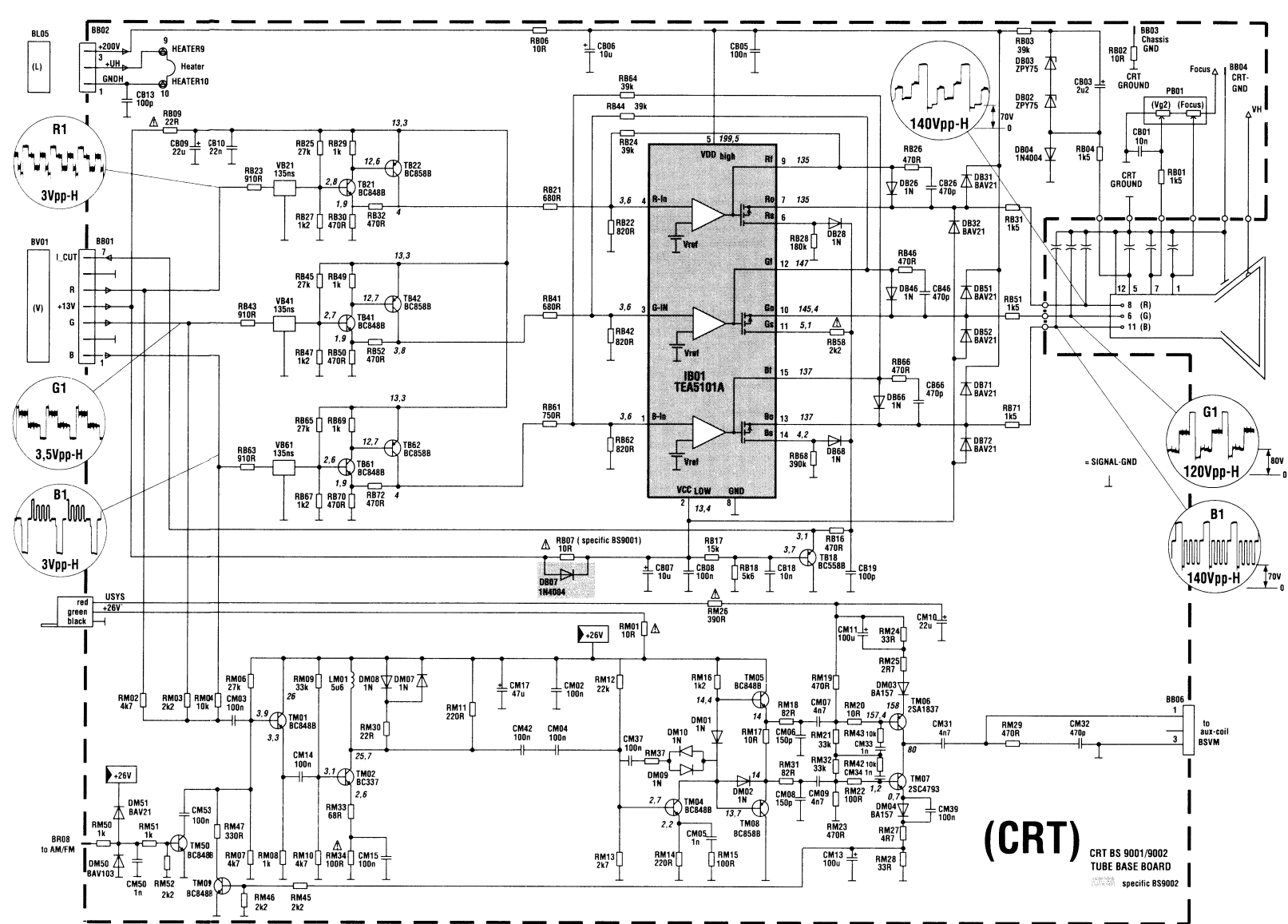


ZOOM 9620 00
ZOOM 9650 00
ZOOM 9640 00
ZOOM 9680 00
ZOOM 9690 00

	C229	C231	C233	C234
ZOOM 9620 for tube AS1ECN	90n	100n	240n	1u
ZOOM 9640 for tube AS6EAS; AS6EAS	220n	180n	290n	1u
ZOOM 9650 for tube AS6EAY; AS6EAY	90n	150n	240n	1u
ZOOM 9680 for tube A79ECU	47n	120n	200n	470n
ZOOM 9690 for tube AS6EEN; AS6EEN	75n	90n	200n	470n

*** IX01**

	1	2	3	4	5	6	7	8	9	10
V AV1	0	2	2	0	0	0	0	0	13,7	0
AV2	2,4	0	2,4	-	0	0	0	0	0	0
TV	0	0	2,4	2,4	0	0	0	0	13,7	11,9
IX01	11	12	13	14	15	16				
AV1	0	0	2,1	0	2,1	13,6				
AV2	0	2,4	2,4	0	0	13,6				
TV	0	0	0	0	0	13,6				

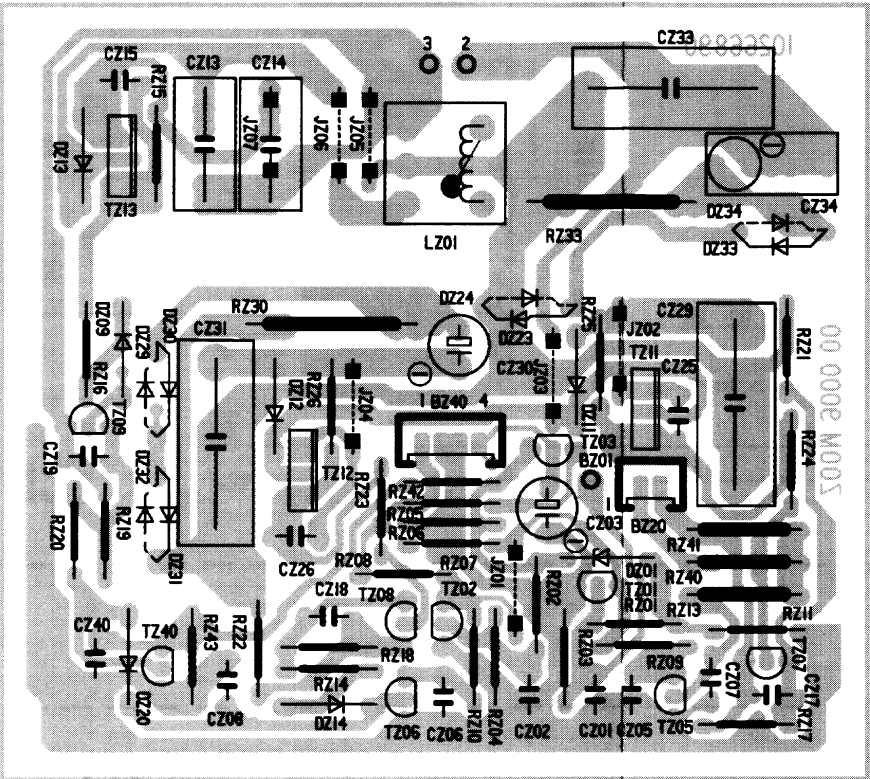
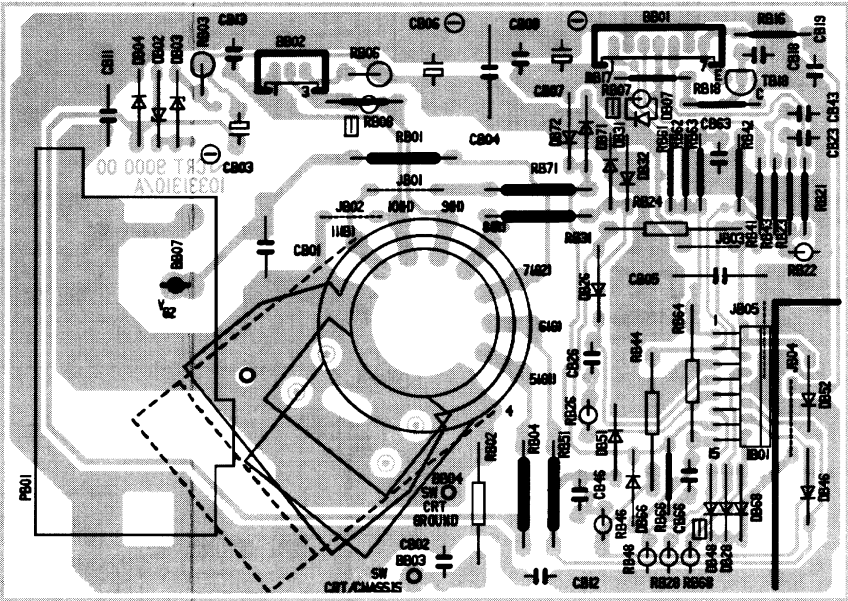
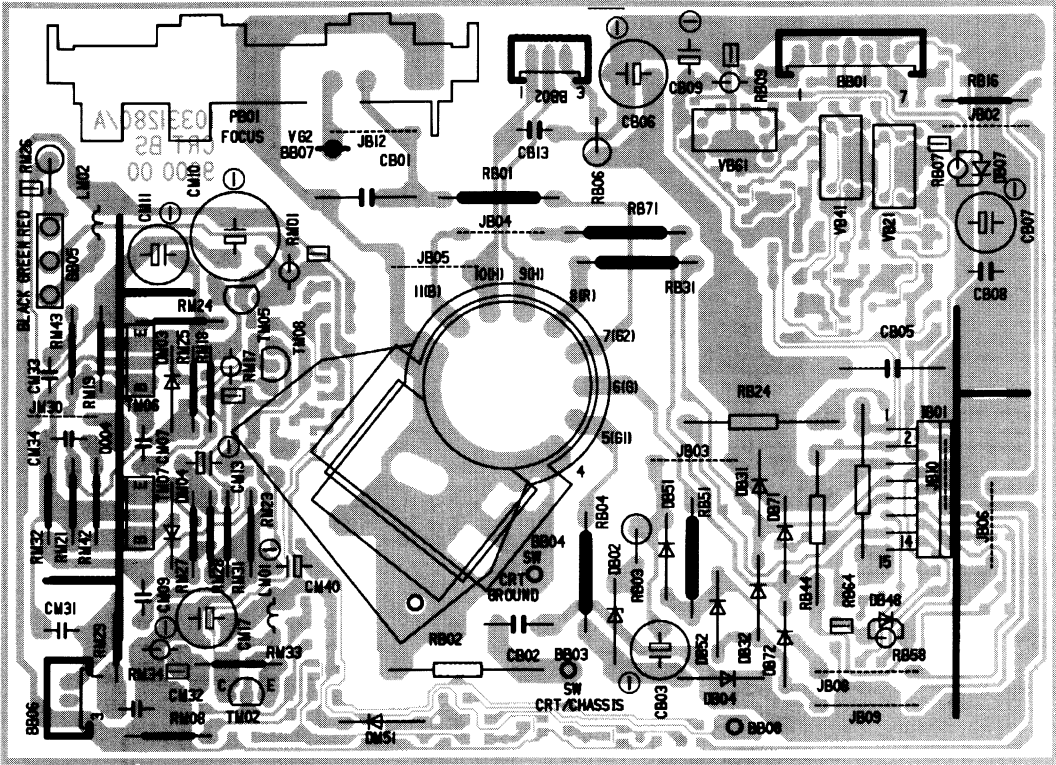


CRT BS 9001 / BS 9002

CRT 9100 / 9101 / 9104 / 9106

COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE - LATO COMPONENTI - LADO COMPONENTES

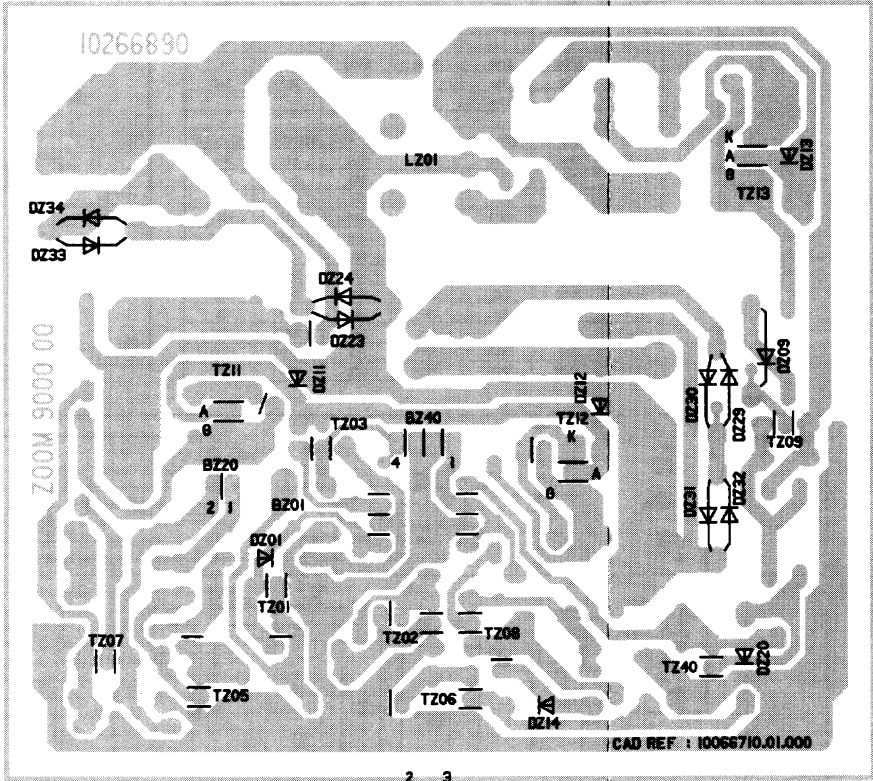
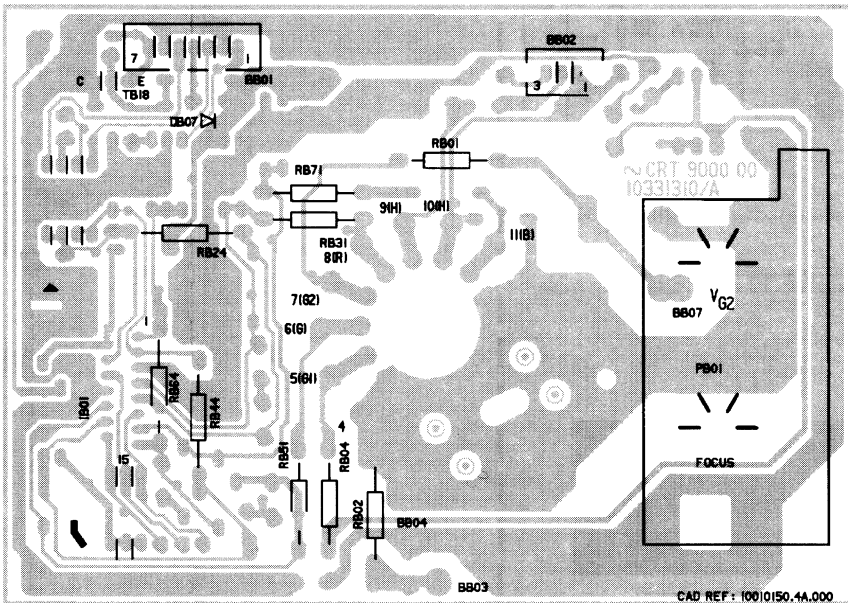
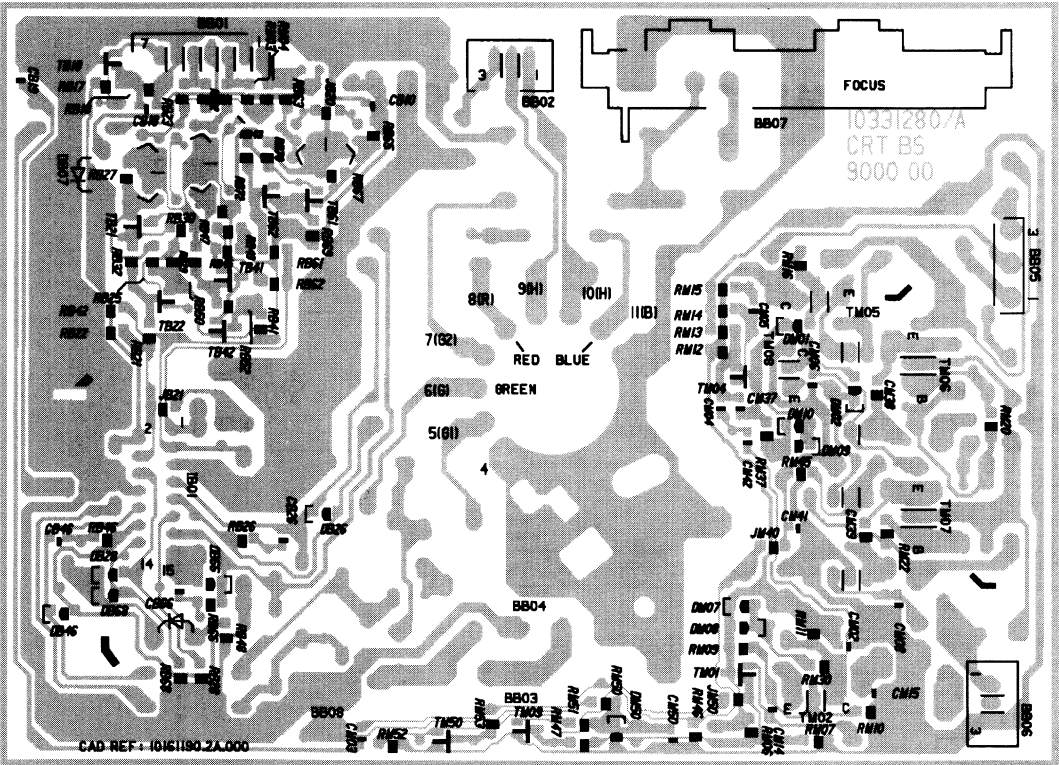
COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES



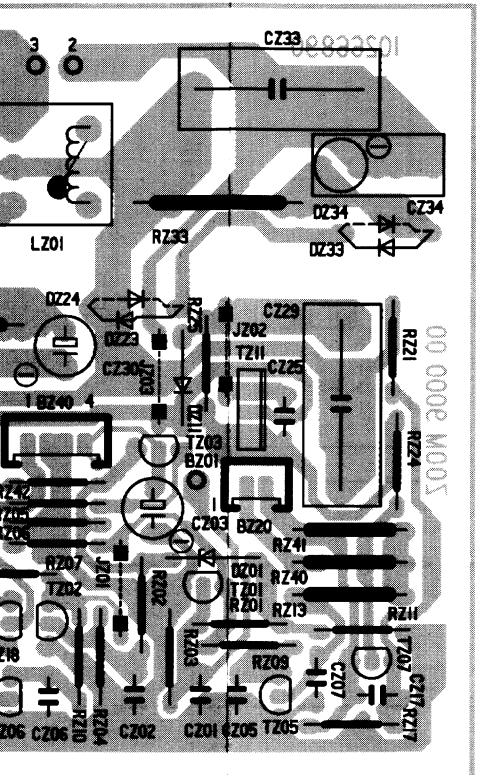
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - LATO SALDATURE - LADO SOLDADURAS

MC-Service

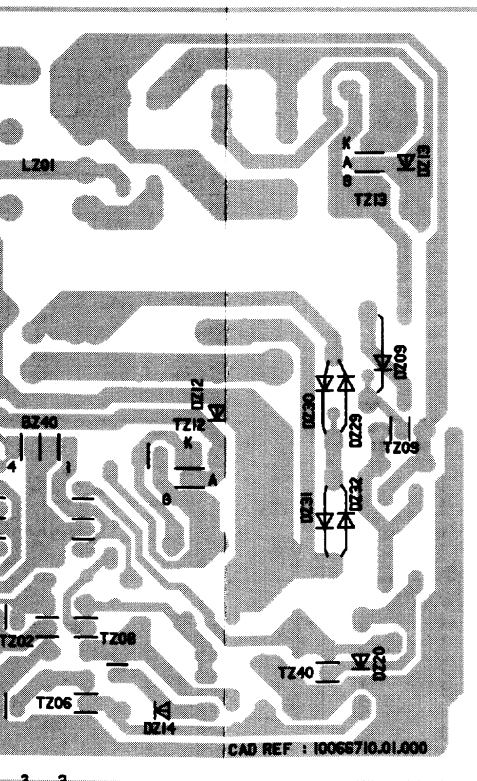
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE
LATO SALDATURE - LADO SOLDADURAS



COMPOSANTS - BESTÜCKUNGSSEITE
 ENTI - LADO COMPONENTES



CÔTE SOUDURES - LÖTSEITE
 URE - LADO SOLDADURAS



COMPONENT LOCATION - LOCALISATION DES ELEMENTS - BAUTEILE POSITIONEN - LOCALIZZAZIONE DEGLI ELEMENTI - LOCALIZACION DE LOS COMPONENTES

* SOLDER SIDE - COTE CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE

1	2	3
BA01	B4	
BA01*	B4	
BA02	B7	
BA02*	B7	
BA03	A0	
BA03*	A0	
BA05	B9	
BA05*	B9	
BF01	L8	
BF01*	L8	
BF03	L8	
BF40	K8	
BH01	D6	
BH02	C6	
BL01	P7	
BL01*	P7	
BL02	L8	
BL02*	M8	
BL03	L7	
BL05	L4	
BL05*	L4	
BP01	M1	
BP02	N2	
BP03	J0	
BP03*	J0	
BP04	J1	
BP04*	J1	
BP05	P4	
BR01	D0	
BR01*	D0	
BR02	B1	
BR02*	B2	
BR03	F0	
BR03*	F0	
BR05	F1	
BR05*	F1	
BR08	F2	
BT04	E3	
BT04*	E3	
BV01	H3	
BV01*	H3	
BV02	G3	
BV02*	G3	
BV03	G3	
BV28*	K4	
BX01	H9	
BX01*	J9	
BX02	E9	
BX02*	E9	
BX03	H7	
BX03*	H7	
BX04	F6	
BX04*	F6	
BX50	K9	

CA01*	C9
CA02*	B9
CA03	A5
CA04*	B9
CA05*	B9
CA06	A6
CA07	A5
CA08	A7
CA09	A8
CA10*	B8
CA11*	C8
CA13*	C8
CA14*	B7
CA15*	B6
CA16*	A6
CA17*	A5
CA18*	B5
CA19*	A6
CA20	A4
CA21*	A2
CA23*	A4
CA30*	A6
CC02*	F3
CC03*	E3
CC04*	E4
CC05*	E4
CC06*	E4
CC07	F4
CC10*	F4
CC11	F4
CC12	F3
CC13*	F4
CC14*	G4
CC15*	F4
CC16*	F5
CC17	F5
CC18*	E5
CC19*	E4
CC20*	E4
CC21	F6

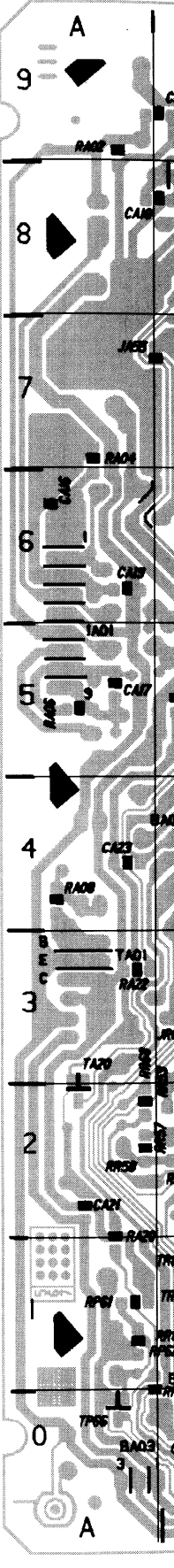
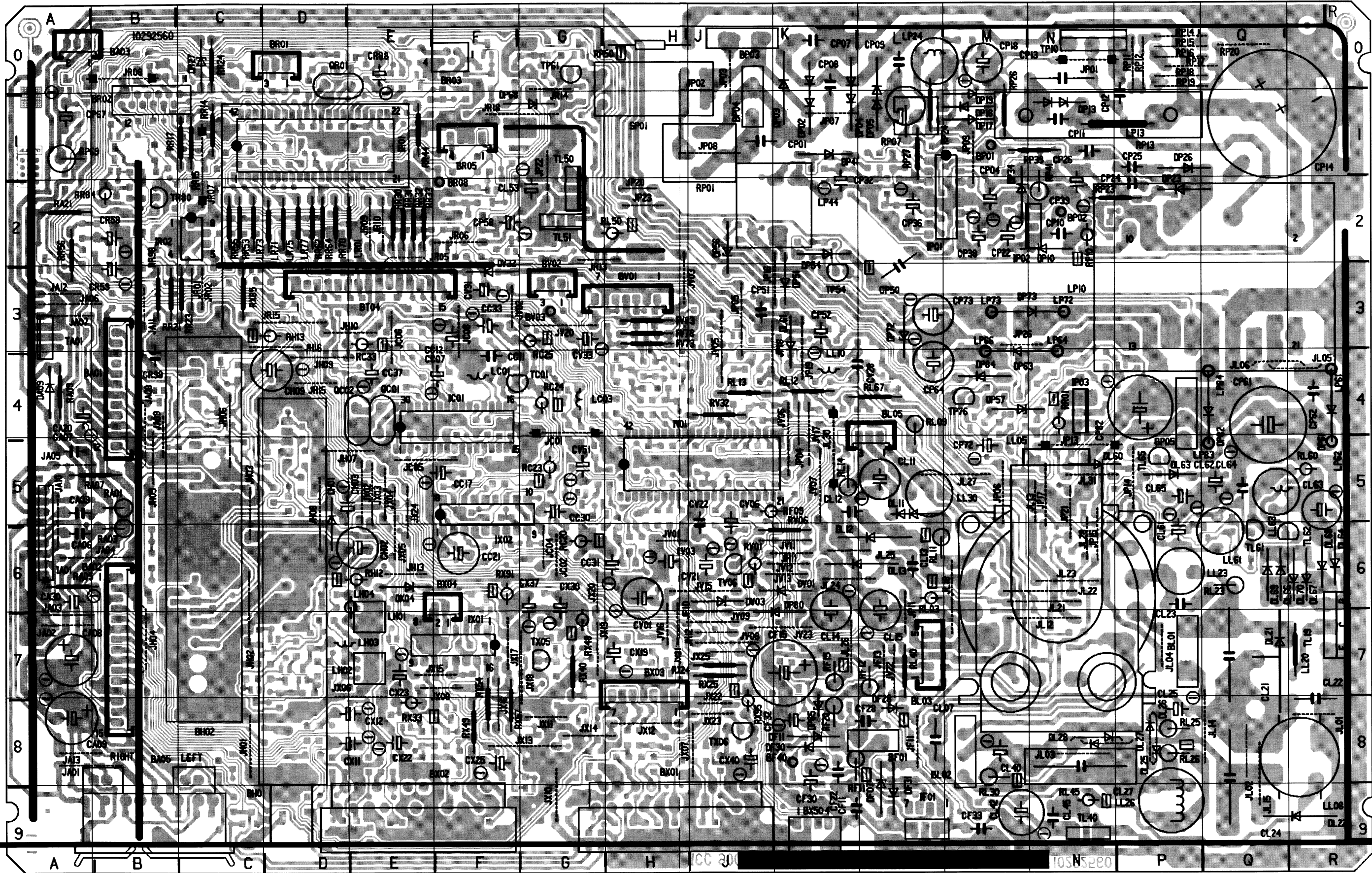
CC22*	F6
CC23*	F6
CC24*	F5
CC25*	G5
CC25*	G5
CC26*	G5
CC27*	F5
CC28*	F5
CC29*	F5
CC30	G5
CC31	H6
CC32*	H6
CC33	F3
CC35*	G4
CC37	E4
CF01*	L7
CF02*	L9
CF05*	J5
CF06*	J5
CF09*	K5
CF11	K9
CF15	K7
CF22	K8
CF28	L8
CF30	K8
CF31*	M9
CF32	K8
CF33	M9
CH01*	D6
CH02	E6
CH03	D5
CH04*	D5
CH05*	D4
CH06*	D4
CH07*	D4
CH08*	C4
CH09	D4
CH10*	D6
CH11*	D6
CH12*	D7
CH13*	D8
CH14*	D7
CH15*	B6
CH15*	B6
CH16*	C6
CH17*	C7
CH18*	C6
CL07	L8
CL11	L5
CL12	K5
CL13	L6
CL14	K7
CL15	L7
CL21	Q7
CL22	R8
CL23	P6
CL24	Q8
CL25	P8
CL27	N9
CL40	M8
CL41*	J4
CL42	M9
CL44*	J5
CL45	N9
CL51*	G1
CL52*	G2
CL53	G2
CL61	P6
CL62	Q5
CL63	R5
CL64	Q5
CL65	P5
CP01	J1
CP03*	M1
CP04	M2
CP07	K0
CP08	K0
CP09	L0
CP10	N2
CP11	N1
CP12	P1
CP13	N0
CP14	Q1
CP18	M0
CP22	M2
CP23*	P2
CP24	P2
CP25	P1
CP26	N1
CP28	L4
CP29*	M2
CP32	K2
CP33*	L2
CP34*	M2
CP35*	M2
CP36	L2
CP37*	L1
CP38	M2
CP39	N2
CP46*	K1

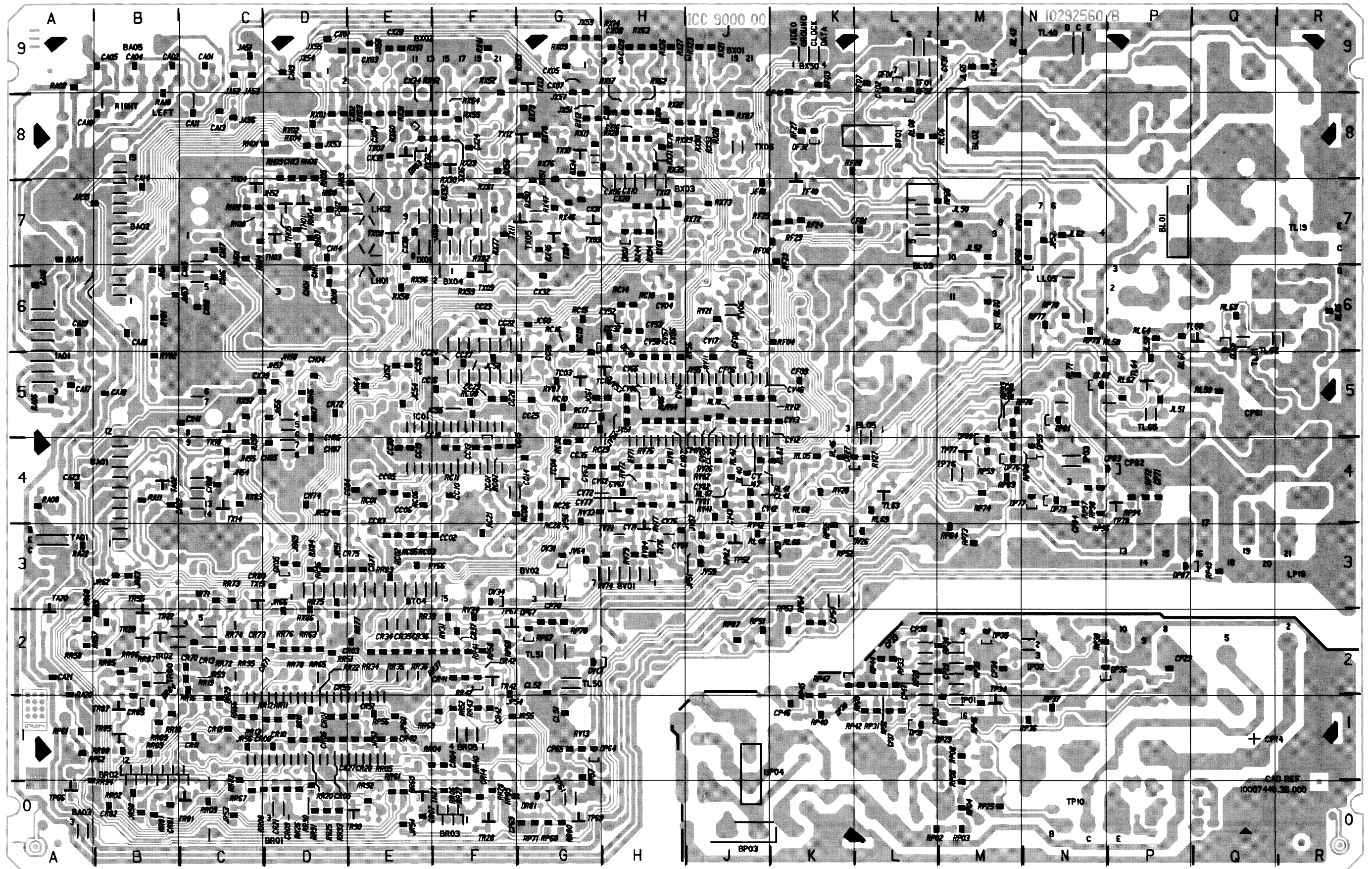
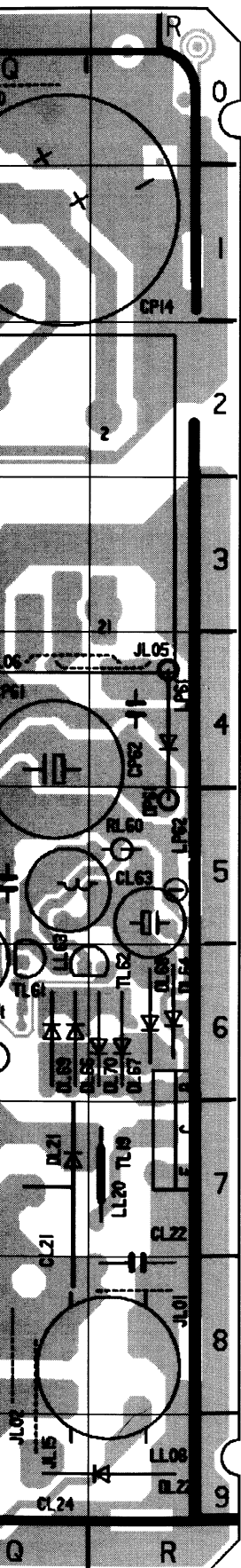
CP47*	L1
CP50	L3
CP51	J3
CP52	K3
CP54	K2
CP54*	K2
CP58	F2
CP61	Q4
CP61*	Q4
CP62	R4
CP64	L4
CP65*	G1
CP67	A1
CP70*	G2
CP71	P4
CP72	M5
CP73	L3
CP82	P4
CP82*	P4
CP84*	N4
CR01*	D1
CR03*	E2
CR04*	F1
CR05*	D1
CR06*	D1
CR07*	E0
CR08*	D1
CR09*	D0
CR10*	D1
CR11*	C1
CR12*	C1
CR13*	C2
CR14*	F0
CR20*	E1
CR20*	E1
CR21*	D0
CR22*	B4
CR27*	D1
CR34*	E2
CR35*	E2
CR36*	E2
CR37*	F2
CR40*	E1
CR41*	F2
CR42*	F1
CR51*	E1
CR55*	D1
CR58	B2
CR59	B3
CR70*	C2
CR71*	D2
CR72*	D5
CR73*	C2
CR74*	D4
CR75*	E3
CR77*	E3
CR80*	D3
CR81*	B0
CR82*	B0
CR85*	B1
CR88	E0
CR98	B4
CV01	H7
CV03	H6
CV04*	H6
CV06	J5
CV07*	H5
CV11*	J5
CV12*	J5
CV13*	K5
CV16*	J5
CV17*	J5
CV21	J6
CV22	J5
CV26*	J5
CV31	F3
CV33	G3
CV41*	J5
CV42*	J4
CV43*	J4
CV46*	J5
CV47*	J5
CV51	G5
CV52*	H6
CV53*	H6
CV56*	H5
CV57*	H5
CV58*	H5
CV61*	H4
CV62*	G4
CV63*	G4
CV66*	H5
CV71*	H4
CV72*	H4
CV76*	H4
CV77*	H4
CV81*	H3
CV82*	H4
CV86*	H5
CV87*	H5
CV88*	H5
CV89*	H5
CV90*	H5
CV91*	H5
CV92*	H5
CV93*	H5
CV94*	H5
CV95*	H5
CV96*	H5
CV97*	H5
CV98*	H5
CV99*	H5
CV100*	H5

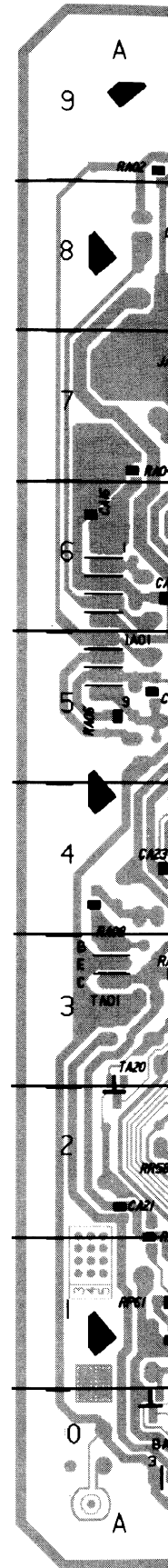
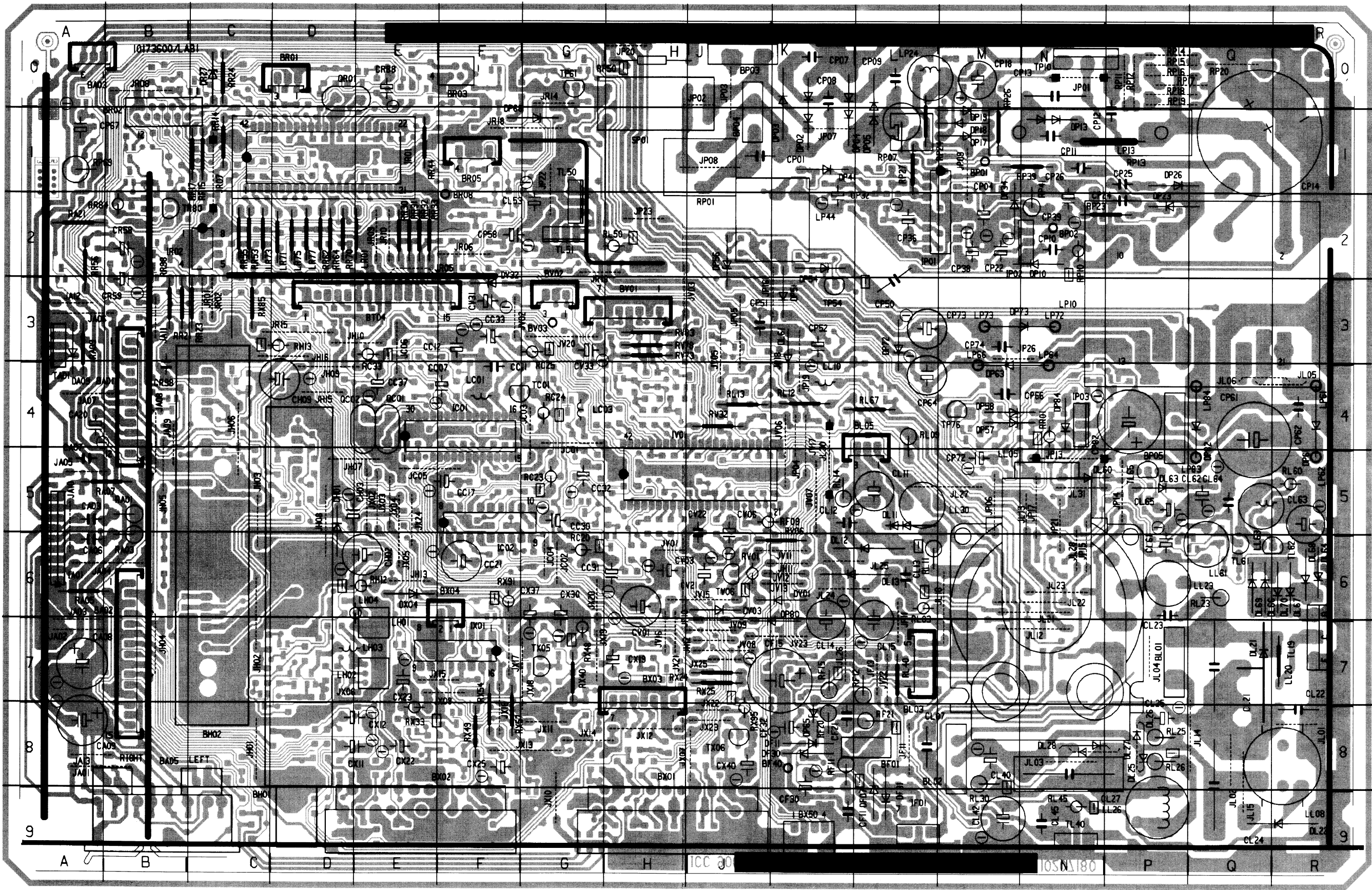
CX03*	E9
CX04*	E8
CX05*	G9
CX06*	H8
CX07*	G8
CX08*	H9
CX09*	H8
CX10*	H8
CX11	E8
CX12	E8
CX16*	H8
CX19	H7
CX19*	D9
CX20*	H7
CX22	E8
CX23	E7
CX24*	F8
CX25	F8
CX28*	E9
CX29*	H9
CX30	G6
CX31*	G7
CX32*	G6
CX34*	E8
CX35*	E8
CX37	G6
CX38*	E7
CX39*	C5
CX40	J8
CX40*	K9
CX41*	C5

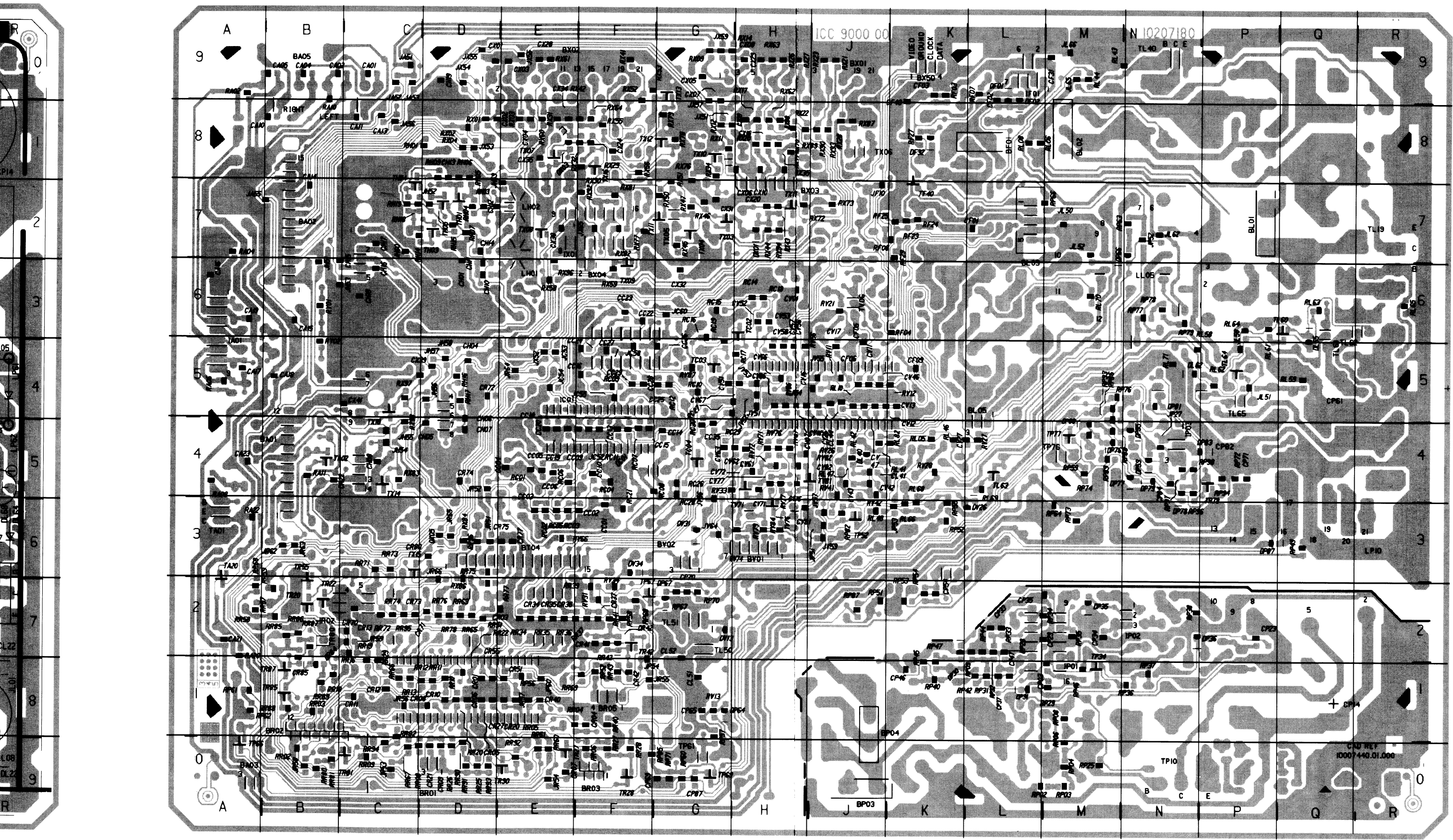
DP73	N3
DP76*	M4
DP77*	N4
DP79*	N4
DP80	K6
DP81*	N5
DP82	Q4
DP83*	N4
DP84	N4
DP87*	P3
DP88*	M4
DR27	C0
DR42*	F2
DR81*	G0
DR84*	B1
DV01	K6
DV03	J6
DV13*	G2
DV26*	L3
DV27*	K4
DV31*	G3
DV34*	F3
DX01*	H7
DX03*	E8
DX04	E6
DX05*	D3

JH12	J7
JH13	E6
JH15	D4
JH16	D3
JH51*	B6
JH52*	D7
JH53*	B6
JH54*	C4
JH55*	C4
JH56*	D5
JH57*	D5
JH58*	D5
JH59*	E7
JH60*	C7
JL01	R8
JL02	Q8
JL03	N8
JL04	P7
JL05	R4
JL06	Q4
JL12	N7
JL13	N5
JL14	Q8
JL15	Q8
JL18	M6
JL21	N6
JL22	N6
JL23	N6
JL24	K6
JL25	K6
JL26	K7
JL27	M5
JL28	N6
JL30	K5
JL31	N5
JL50*	M7
JL51*	P5
JL52*	M7
JL58*	P5
JL62*	N7
JL65*	M9
JP01	N0
JP02	J0
JP03	J0
JP04	K4
JP05	J3
JP06	M5
JP07	K1
JP08	J1
JP09	M1
JP10	J6
JP11	L6
JP13	N5
JP14	P5
JP15	N6
JP16	K3
JP17	N5
JP18	K3
JP19	K3
JP20	H2
JP21	N5
JP22	G1
JP23	H2
JP26	M3
JP51*	J3
JP52*	N7
JP53*	K3
JP54*	F1
JP60*	E1
JR01	C3
JR02	C3
JR05	E2
JR06	F2
JR07	C1
JR08	B0
JR09	E2
JR10	E2
JR13	G2
JR14	G0
JR15	D3
JR18	G1
JR51*	D3
JR52*	D4
JR53*	C0
JR54*	E0
JR55*	F1
JR56*	C1
JR57*	E1
JR58*	B0
JR59*	C2
JR62*	B3
JR63*	B3
JR64*	E5
JR65*	D3
JR66*	D2
JV01	H6
JV02	F3
JV03	H3
JV05	J3
JV06	K4
JV07	K5









MC-Service

COMPONENT LOCATION - LOCALISATION DES ELEMENTS - BAUTEILE POSITIONEN - LOCALIZZAZIONE DEGLI ELEMENTI - LOCALIZACION DE LOS COMPONENTES

* SOLDER SIDE - COTE CUIVRE - LÖTSEITE - LATO SALDATURE - LADO DEL COBRE

1 2 3

BA01	B4
BA01*	B4
BA02	B6
BA02*	B7
BA03	A0
BA03*	A0
BA05	B8
BA05*	B9
BF01	L8
BF01*	L8
BF40	K8
BH01	C6
BH02	C8
BL01	P7
BL01*	P7
BL02	L8
BL02*	M8
BL03	L8
BL03*	L7
BL05	L4
BL05*	L5
BP01	M1
BP02	N2
BP03	J0
BP03*	J0
BP04	J1
BP04*	J1
BP05	P5
BR01	D0
BR01*	D0
BR02	B1
BR02*	B1
BR03	F0
BR03*	F0
BR05	F1
BR05*	F1
BR08	F2
BT04	E3
BT04*	E3
BV01	H3
BV01*	H3
BV02	G2
BV02*	G3
BV03	G3
BX01	H8
BX01*	J9
BX02	F8
BX02*	E9
BX03	H7
BX03*	H7
BX04	F6
BX04*	F6
BX50	K9
BX50*	K9



CA01*	C9
CA02*	B9
CA03	A5
CA04*	B9
CA05*	B9
CA06	A6
CA07	A4
CA08	B7
CA09	A8
CA10*	B8
CA11*	C8
CA13*	C8
CA14*	B7
CA15*	B6
CA16*	C6
CA17*	A5
CA18*	B5
CA19*	C6
CA20	A4
CA21*	A2
CA23*	A4
CC01*	F3
CC02*	F3
CC03*	E3
CC04*	D4
CC05*	E4
CC06*	E4
CC07	F4
CC09*	E4
CC10*	F4
CC11	F4
CC12	F3
CC13*	F4
CC14*	G4
CC15*	G4
CC16*	E5
CC17	F5
CC18*	E5
CC19*	E4

CC20*	E4
CC21	F6
CC22*	F6
CC23*	F6
CC24*	E5
CC25*	F5
CC26*	G5
CC27*	F5
CC28*	F5
CC29*	F5
CC30	G5
CC31	G6
CC32	G5
CC33	F3
CC35*	G4
CC37	E4
CF01*	L7
CF02*	L9
CF03*	K9
CF05*	J6
CF06*	J5
CF09*	K5
CF11	L9
CF15	K7
CF21	K8
CF30	K9
CF31*	M9
CF32	J8
CF40*	K9
CH01*	D6
CH02	E6
CH03	E5
CH04*	D5
CH05*	D4
CH06*	D4
CH07*	D4
CH08*	C4
CH09	D4
CH10*	D6
CH11*	D6
CH12*	D7
CH13*	D8
CH14*	D7
CH15*	C6
CH16*	C6
CH17*	C7
CH18*	C6
CH19*	D9
CL07	L8
CL11	L5
CL12	K5
CL13	L6
CL14	K7
CL15	L7
CL21	Q7
CL22	R7
CL23	P7
CL24	Q9
CL25	P7
CL27	N9
CL40	M8
CL41*	K4
CL42	M9
CL44*	J4
CL45	N9
CL51*	G1
CL52*	G2
CL53	F2
CL61	P6
CL62	Q5
CL63	R5
CL64	Q5
CL65	P5
CP01	K1
CP03*	L1
CP04	M1
CP07	K0
CP08	K0
CP09	L0
CP10	N2
CP11	N1
CP12	N1
CP13	M0
CP14	R1
CP14*	Q1
CP18	M0
CP22	M2
CP23*	P2
CP24	N2
CP25	P1
CP26	N1
CP29*	M2
CP32	K2
CP33*	L2
CP34*	M2
CP35*	L2
CP36	L2
CP37*	L1
CP38	M2

CP39	N2
CP46*	K1
CP47*	L2
CP50	L2
CP51	J3
CP52	K3
CP54*	K2
CP58	F2
CP61	Q4
CP61*	Q5
CP62	R4
CP64	L4
CP65*	G1
CP66	N4
CP67	A1
CP69*	F0
CP70*	G3
CP71*	P4
CP72	M5
CP73	M3
CP74	M3
CP82	N4
CP82*	P4
CP84*	N4
CP87*	G0
CR01*	D1
CR02*	E3
CR03*	E2
CR04*	F1
CR05*	D0
CR06*	D1
CR07*	E0
CR08*	D1
CR09*	D0
CR10*	D1
CR11*	C1
CR12*	C1
CR13	C2
CR20*	E1
CR21*	D0
CR22*	B4
CR27*	D1
CR34*	E2
CR35*	E2
CR36*	E2
CR37*	F2
CR40*	E1
CR41*	F2
CR42*	F1
CR51*	E1
CR55*	D2
CR58	B2
CR59	B3
CR70*	C2
CR71*	C2
CR72*	D5
CR73*	C2
CR74*	D4
CR75*	E3
CR77*	E3
CR80*	C3
CR85*	B1
CR88	E0
CR98	B4
CV01	H7
CV03	H6
CV04*	H6
CV06	J5
CV07*	J4
CV11*	J5
CV12*	K4
CV13*	K5
CV16*	H5
CV17*	J6
CV21	J6
CV22	J5
CV26*	J4
CV27*	K4
CV31	F3
CV33	G4
CV41*	J4
CV42*	J4
CV43*	J4
CV46*	K5
CV47*	J4
CV51*	G5
CV52*	H6
CV53*	H6
CV56*	H6
CV57*	H6
CV58*	H6
CV61*	H4
CV62*	G4
CV63*	G4
CV66*	H5
CV67*	G5
CV71*	H3
CV72*	G4
CV76*	H3

CV77*	G4
CV81*	H3
CV82*	J4
CV86*	H5
CX01*	D9
CX02*	E8
CX03*	E8
CX03*	E9
CX04*	E8
CX05*	G9
CX06*	H7
CX07*	G9
CX08*	H9
CX09*	H8
CX10*	H7
CX11	E8
CX12	E8
CX19	H7
CX20*	H7
CX22	E8
CX23	E7
CX24*	F8
CX25	F8
CX28*	E9
CX29*	H9
CX30	G6
CX31*	G7
CX32*	G6
CX34*	E9
CX35*	E8
CX37	G6
CX38*	E7
CX39*	C5
CX40	J8
CX45*	C5



DA09	A3
DC01*	F4
DF01*	L9
DF02*	L9
DF07	L9
DF11	K8
DF30	K8
DF31	L9
DF32*	K8
DH01	D5
DL11	L5
DL12	K6
DL13	L6
DL21	Q7
DL22	R9
DL25	P8
DL26	P8
DL27	P8
DL28	N8
DL40*	J4
DL60	N5
DL61	K3
DL62*	N5
DL63	P5
DL64	R6
DL65*	Q5
DL66	R6
DL67	R6
DL68	R6
DL70	R6
DP02	K1
DP03	K1
DP04	K1
DP05	L1
DP10	N2
DP13	N1
DP17	M1
DP18	M1
DP19	M1
DP23	P2
DP26	P1
DP30*	K1
DP31*	L1
DP34	M2
DP35*	M2
DP36*	N2
DP41	K1
DP51	K3
DP54	K3
DP55*	N4
DP56	J2
DP57	M4
DP58	M4
DP59*	N4
DP61	R5
DP63	M4
DP64*	G1
DP65	K8
DP66*	M7
DP67*	G2



IA01	A6
IA01*	A5
IC01	F4
IC01*	E5
IC02	F6
IF01	L9
IF01*	L9
IP01	L2
IP01*	M1
IP02	M2
IP02*	N2
IP03	N4
IP03*	N4
IR01	E1
IR02	B2
IR02*	B2
IV01	H4
IX01	F7
IX01*	E7



JA01	A8
JA02	A7
JA03	A6
JA04	A6
JA05	A5
JA06	A3
JA07	A4
JA08	B4
JA09	B4
JA10	A5
JA11	B3
JA12	A3
JA13	A8
JA51*	C9
JA52*	C9
JA53*	C9
JA55*	C7
JA56*	C8
JC01	G5
JC02	G6
JC03	G4
JC04	G6
JC05	E5
JC06	E3
JC52*	F4
JC53*	E5
JC54*	E5
JC55*	F5
JC58*	F5
JC60*	G6
JF10*	J7
JF11	L8
JF13	L7
JH01	C8
JH02	C7
JH03	C5
JH04	B7
JH05	B5
JH06	C4
JH07	D5
JH08	D5
JH09	D4

JH10	E3
JH11	K6
JH12	J7
JH13	E6
JH15	D4
JH16	D3
JH51*	B6
JH52*	D7
JH53*	C6
JH54*	C4
JH55*	C4
JH56*	D5
JH57*	D5
JH59*	D5
JH59*	D7
JH60*	C7
JO1	R8
JO2	Q9
JO3	N8
JO4	P7
JO5	R4
JO6	Q4
JO12	N7
JO13	N5
JO14	Q8
JO15	Q9
JO18	M6
JO21	N6
JO22	N6
JO23	N6
JO24	K6
JO25	L6
JO26	K7
JO27	M5
JO28	N6
JO30	K5
JO31	N5
JO50*	M7
JO51*	P5
JO52*	M7
JO58*	P6
JO62*	N7
JO65*	M9
JO66*	M9
JP01	N0
JP02	J0
JP03	J0
JP04	K5
JP05	J3
JP06	M5
JP07	K1
JP08	J1
JP09	M1
JP10	J6
JP11	L6
JP13	N5
JP14	P5
JP15	N6
JP16	J3
JP17	N5
JP18	K3
JP19	K4
JP20	H0
JP21	N5
JP22	G1
JP23	H2
JP26	N3
JP27*	N5
JP51*	J3
JP52*	N7
JP53*	K3
JP54*	F1
JP60*	E1
JR01	C3
JR02	C3
JR05	F2
JR06	F2
JR07	C1
JR08	B0
JR09	E2
JR10	E2
JR13	G3
JR14	G0
JR15	D3
JR18	F1
JR51*	D3
JR52*	D4
JR53*	C0
JR54*	E0
JR55*	G1
JR56*	C1
JR57*	E1
JR58*	B0
JR59*	C2
JR62*	B3
JR63*	B3
JR64*	E5
JR65*	D3
JR66*	D3

JV01	H6
JV02	F3
JV03	H3
JV05	J3
JV06	K4
JV07	K5
JV08	J7
JV09	J7
JV11	K6
JV12	K6
JV13	K6
JV15	J6
JV16	H7
JV17	K5
JV20	G3
JV22	L7
JV23	K7
JV51*	H5
JV52*	H4
JV53*	H5
JV54*	H5
JV55*	J5
JV56*	G3
JV57*	J3
JV59*	J3
JV64*	G3
JX02	E5
JX03	E5
JX04	E5
JX05	E6
JX06	D7
JX07	H8
JX08	F7
JX10	G9
JX11	G8
JX12	H8
JX13	G8
JX14	G8
JX15	E7
JX16	F8
JX17	F7
JX18	G7
JX19	G7
JX20	G6
JX21	H7
JX22	J8
JX23	J8
JX24	E5
JX25	J7
JX51*	G8
JX52*	E5
JX53*	D8
JX54*	D9
JX55*	D9
JX56*	E9
JX57*	G8
JX59*	G9
JX65*	F7

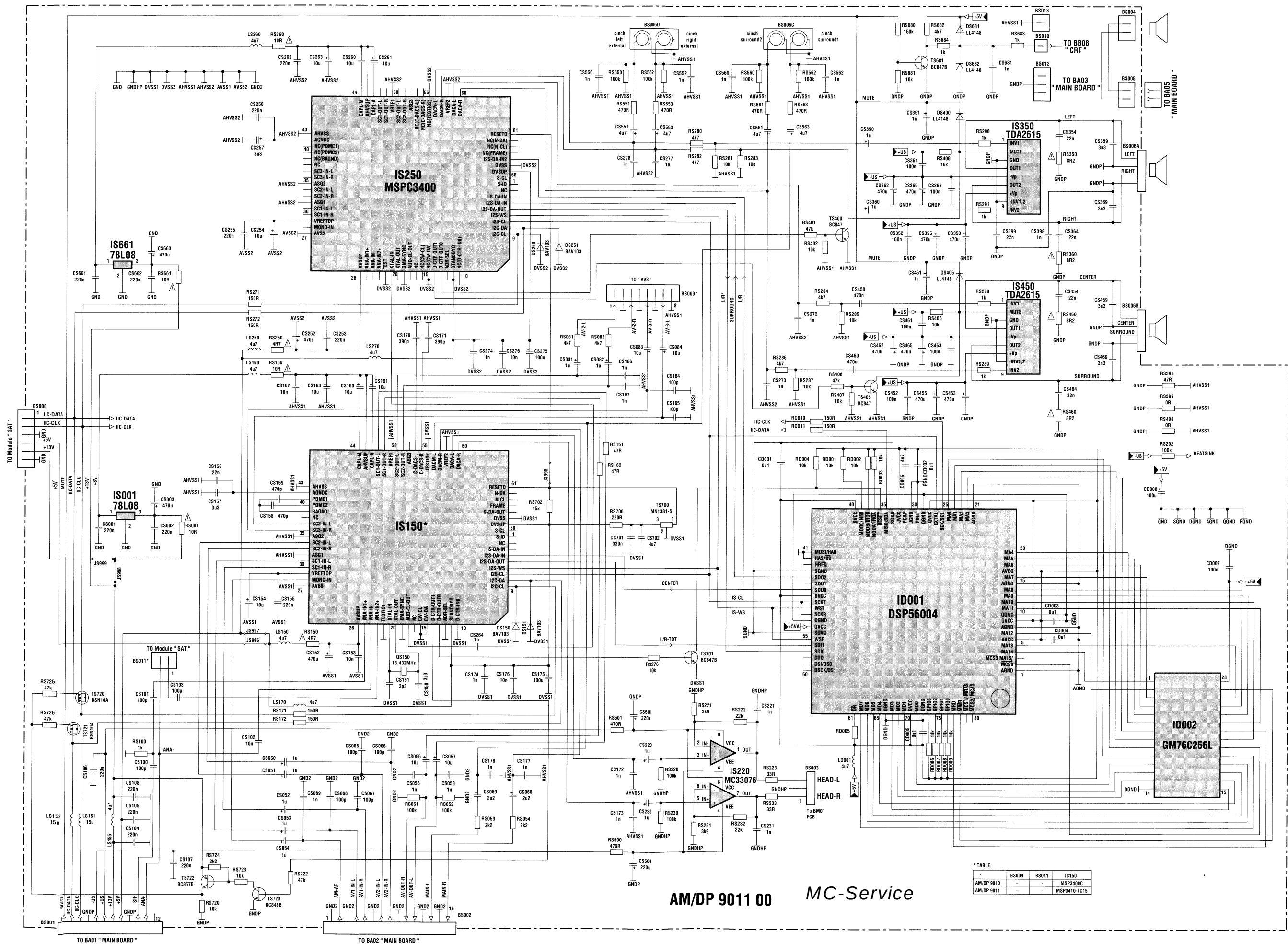


LC01	F4
LC03	G4
LH01	E7
LH01*	E6
LH02*	E7
LH03	E7
LH04	E6
LL05	M5
LL05*	N6
LL08	R9
LL10	K4
LL20	R7
LL23	Q6
LL26	N9
LL30	M5
LL61	Q6
LL63	Q6
LP10	N3
LP13	P1
LP24	L0
LP44	K2
LP61	R4
LP62	R5
LP64	N3
LP66	M3
LP72	N3
LP73	M3
LP83	Q5
LP84	Q4
LR01	E2
LR71	D2
LR73	C2
LR75	D2
LR77	D2
LX02	D7



QC01	E4
QC02	E4
QL69	Q6
QR01	D0

AUDIO MODULE - MODULE AUDIO -TON SIGNAL BAUSTEIN - MODULO AUDIO - MÓDULO AUDIO (AM / DP 9010 - AM / DP 9011)

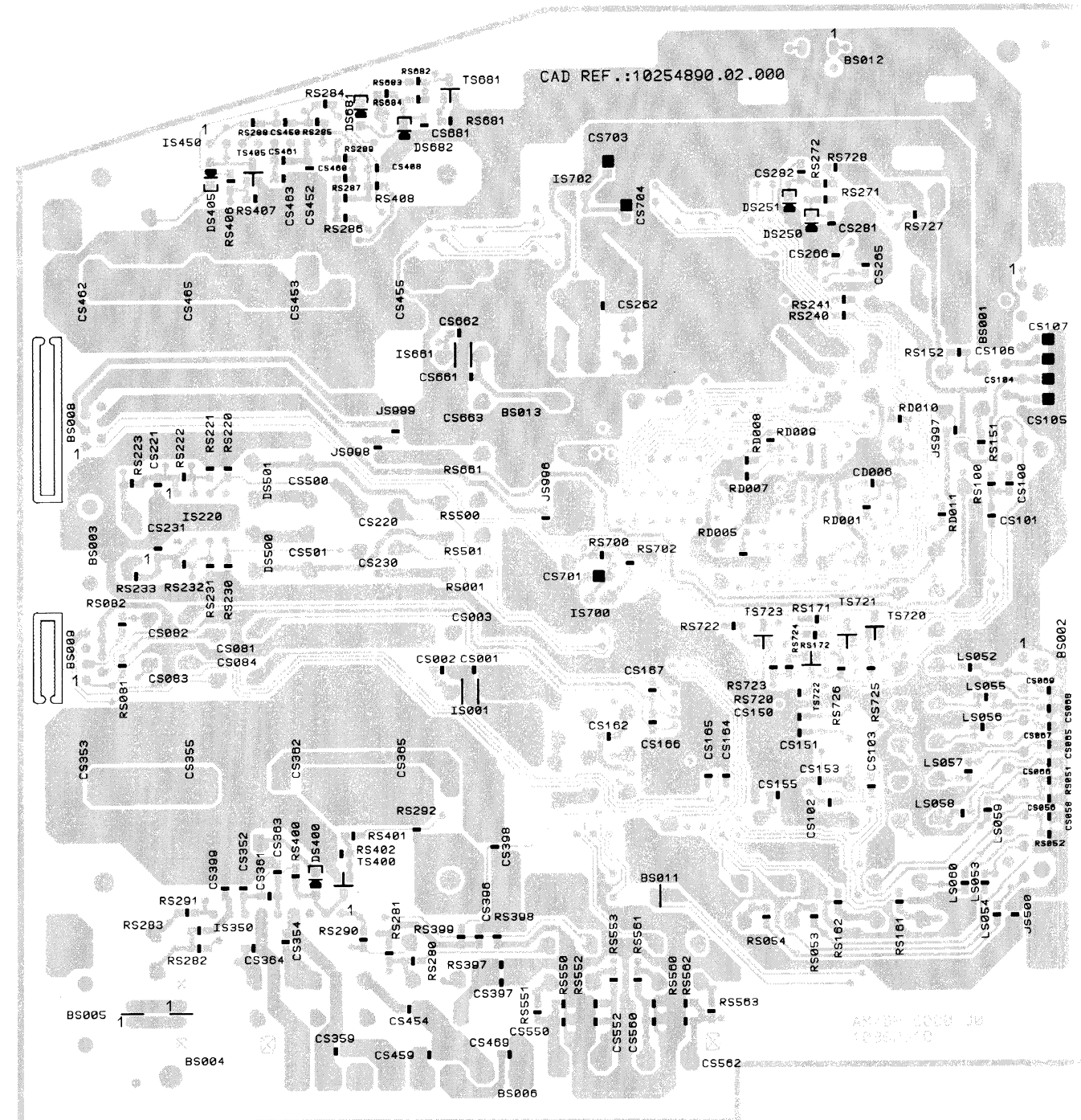
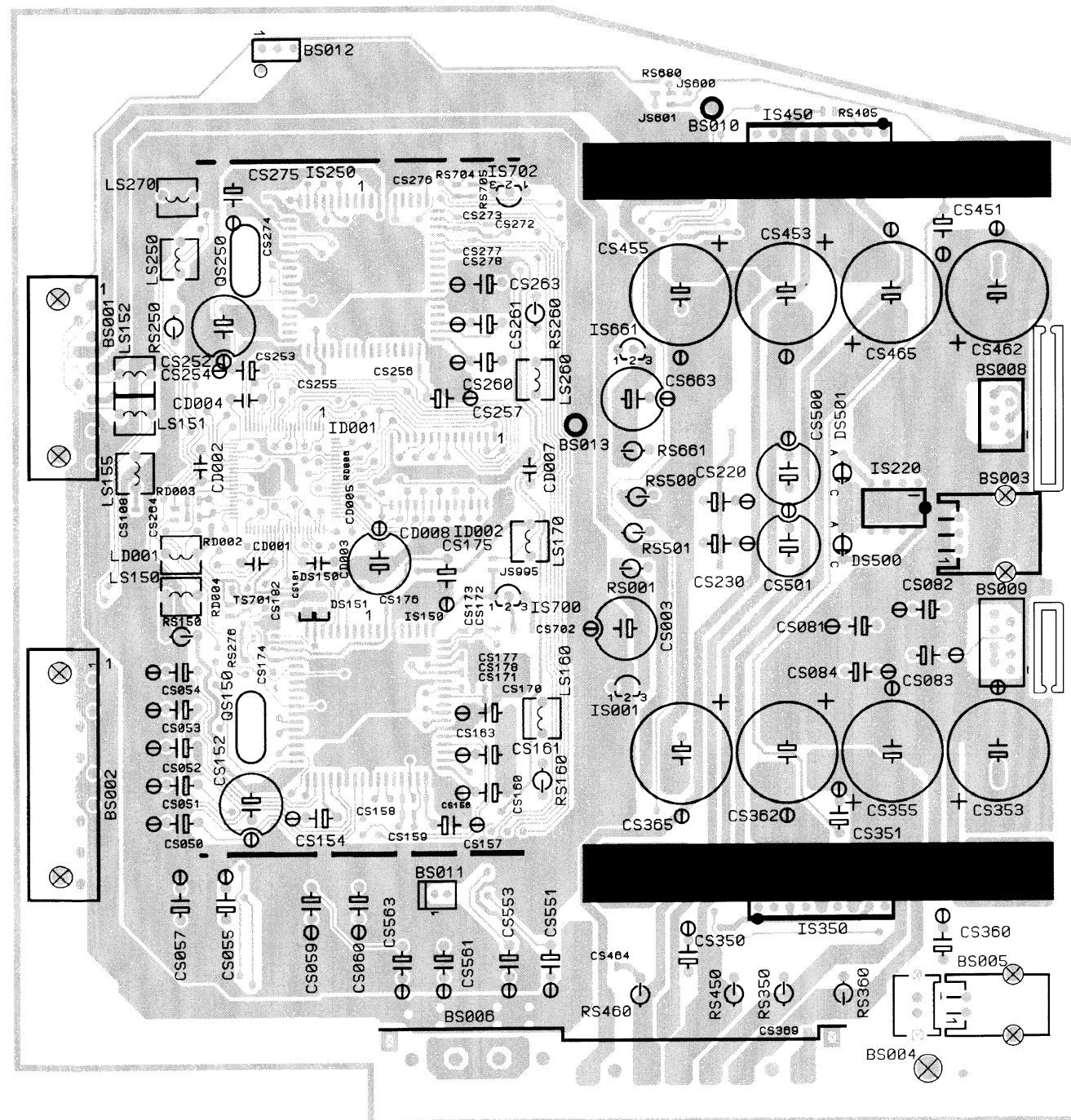


AM/DP 9011 00 MC-Service

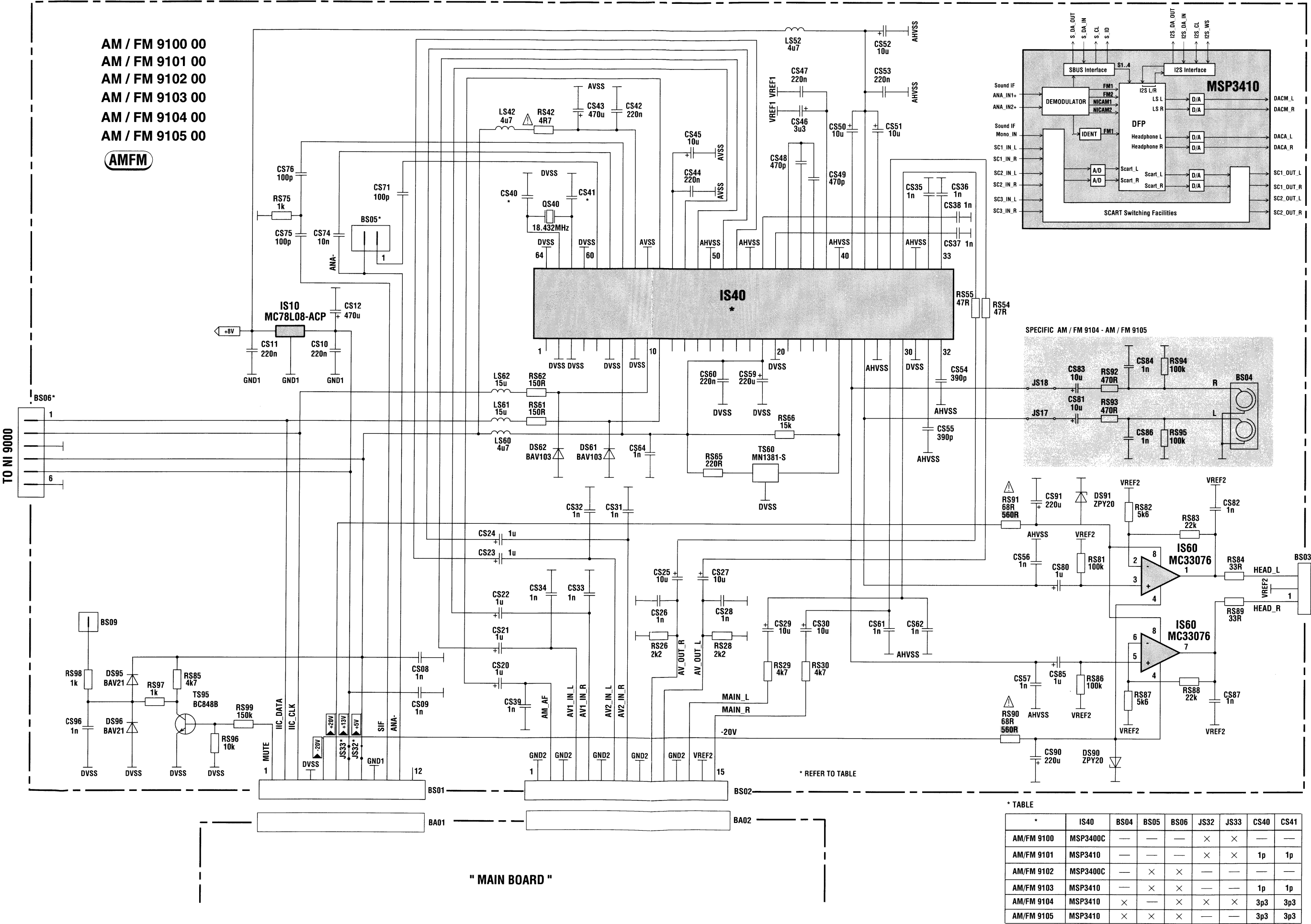
AUDIO MODULE - MODULE AUDIO - TON SIGNAL BAUSTEIN - MODULO AUDIO - MÓDULO AUDIO (AM / DP 9010 - AM / DP 9011)

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE SALDATURE - LADO SOLDADURAS



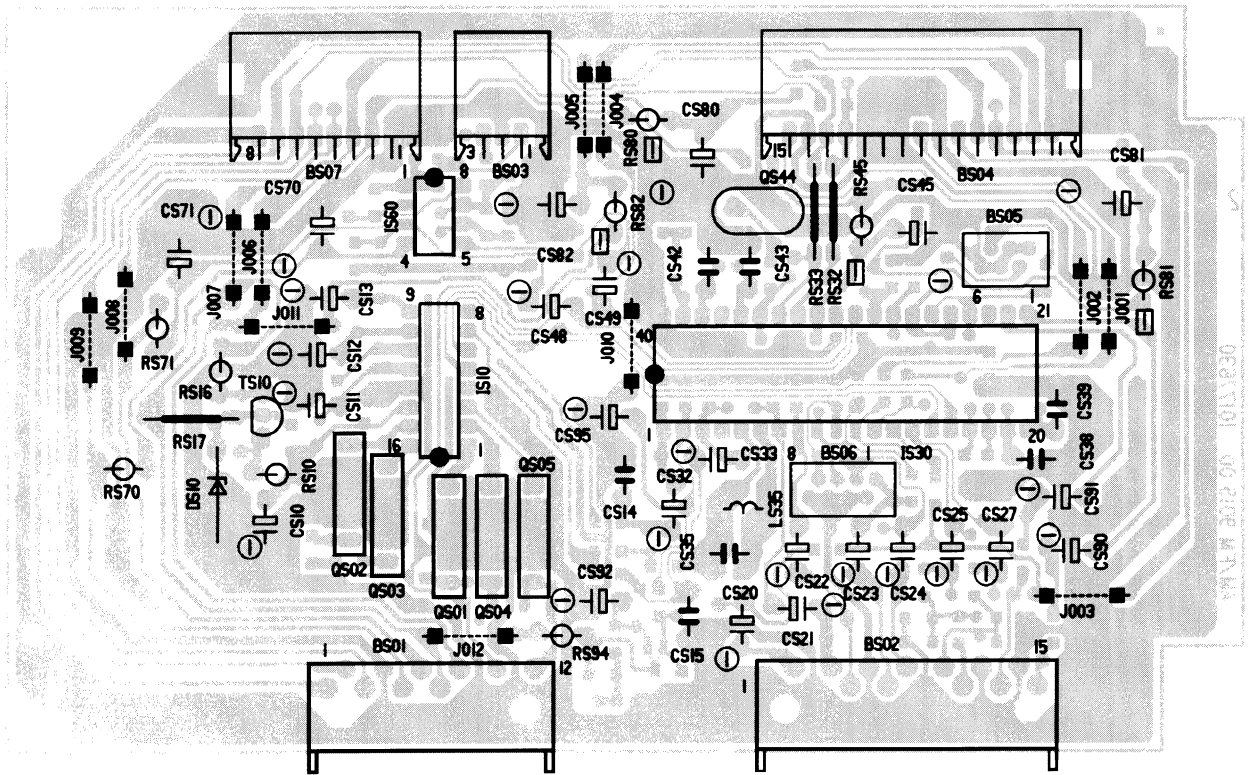
MC-Service



COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES

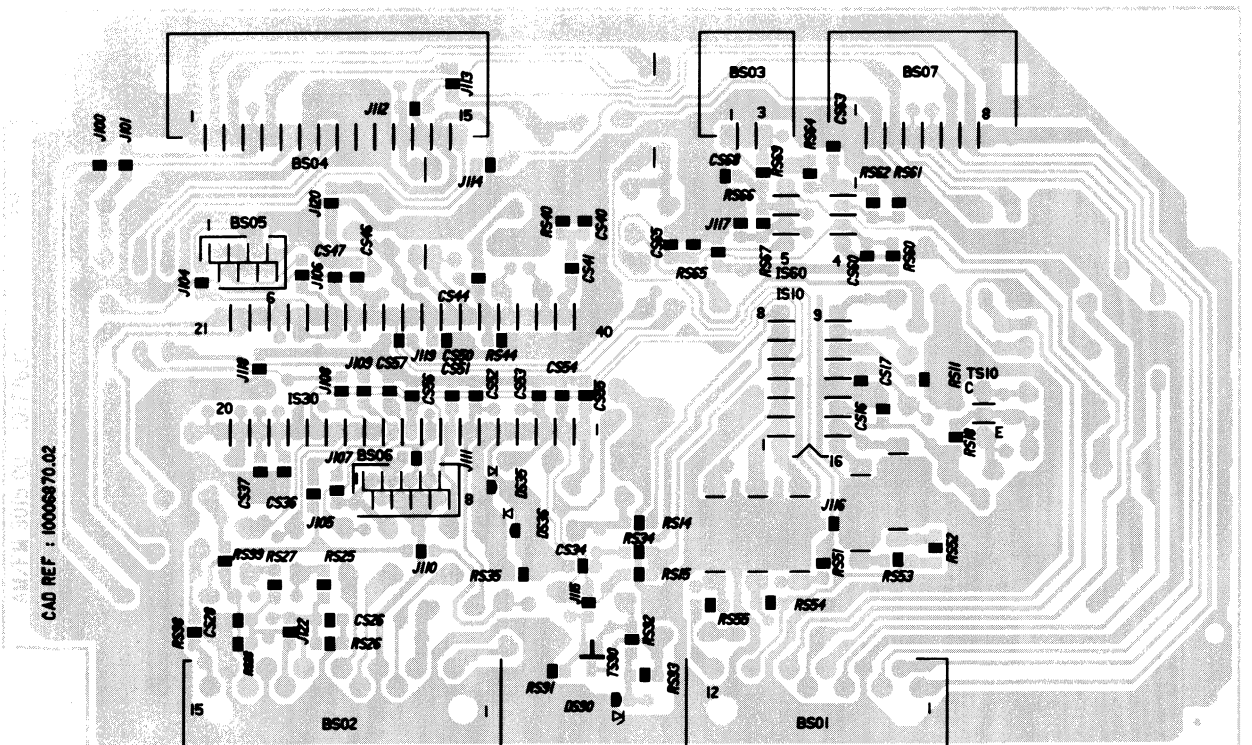


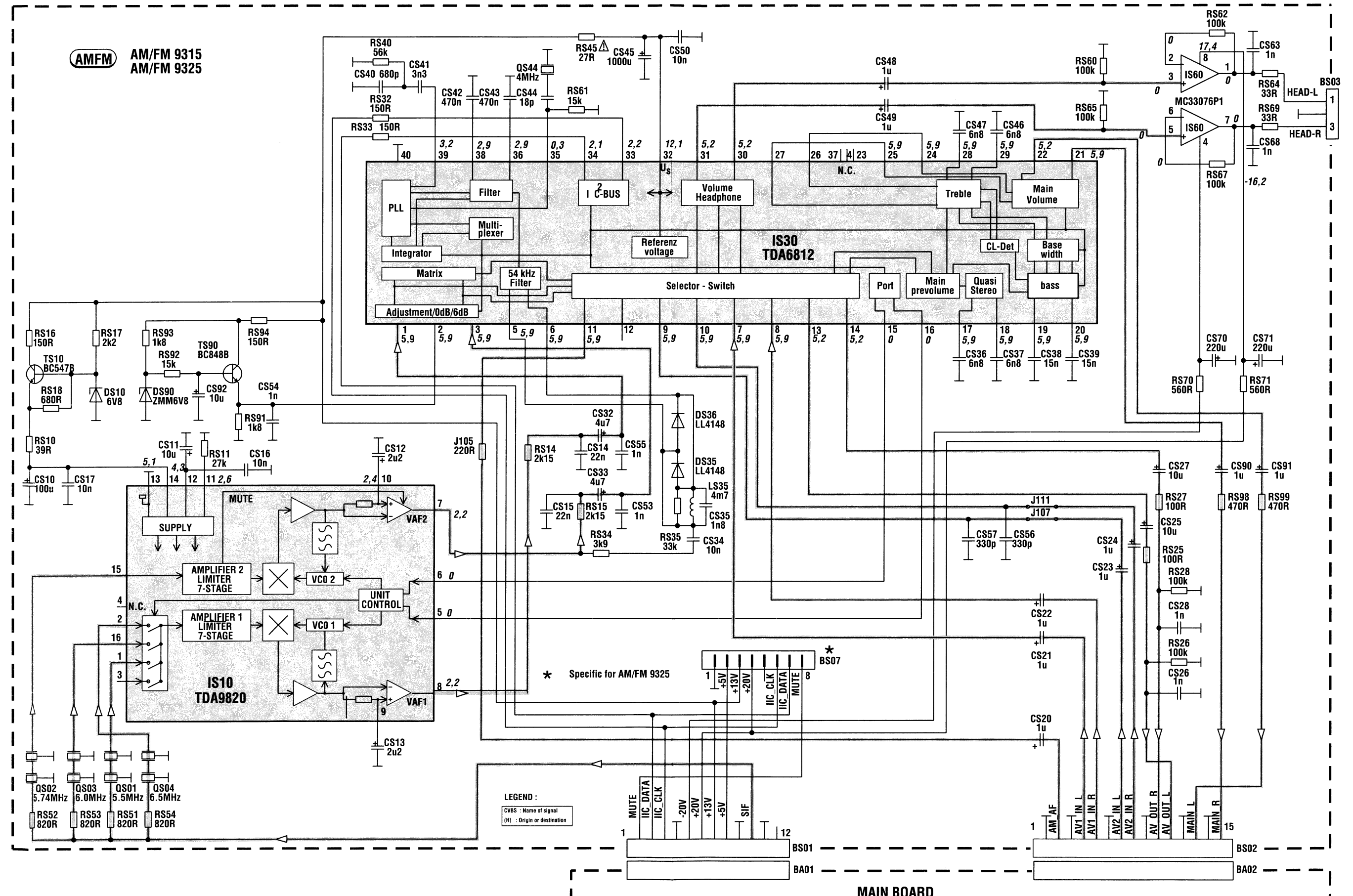
COMPONENT SIDE - CÔTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES



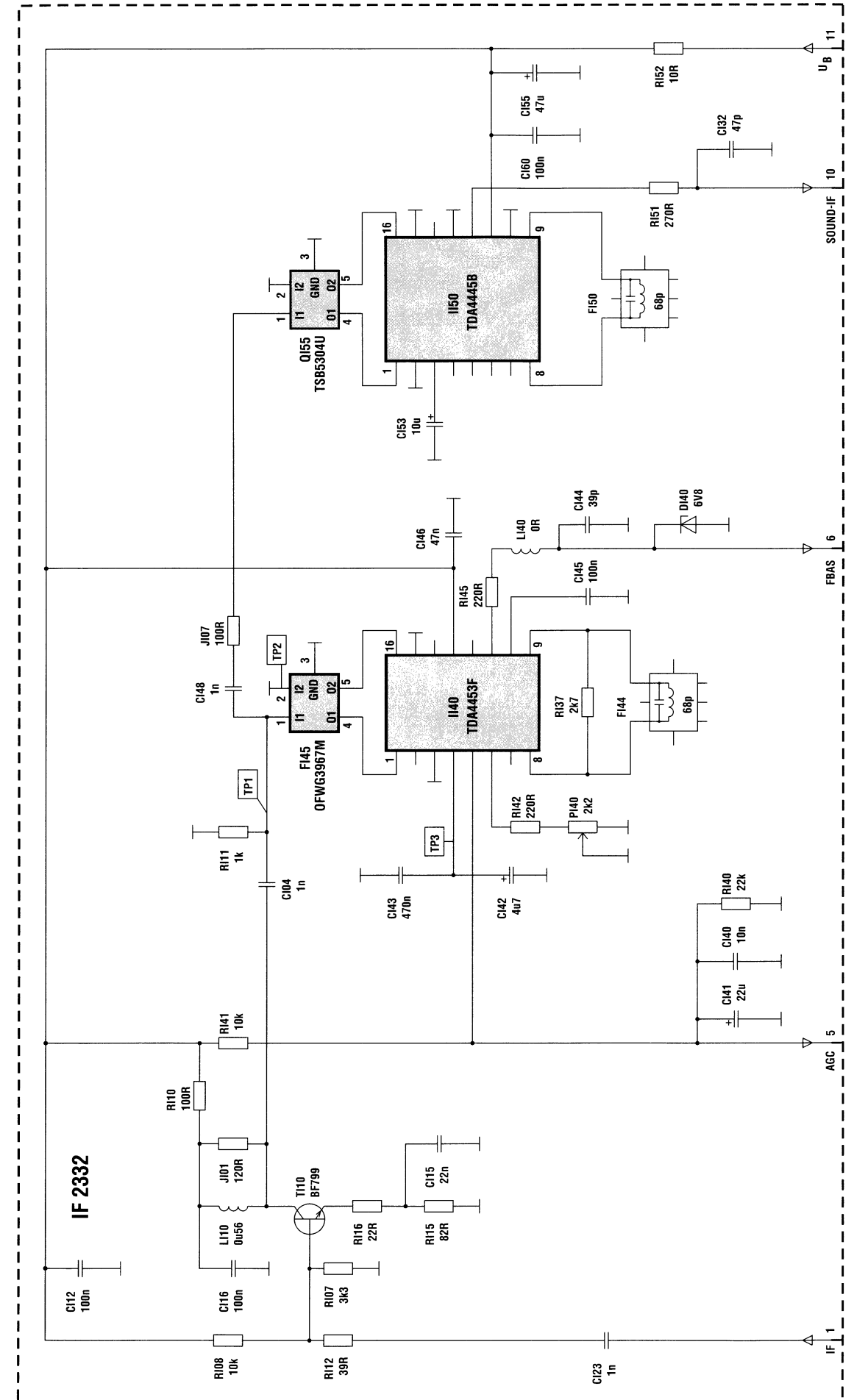
MC-Service

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE - SALDATURE - LADO SOLDADURAS

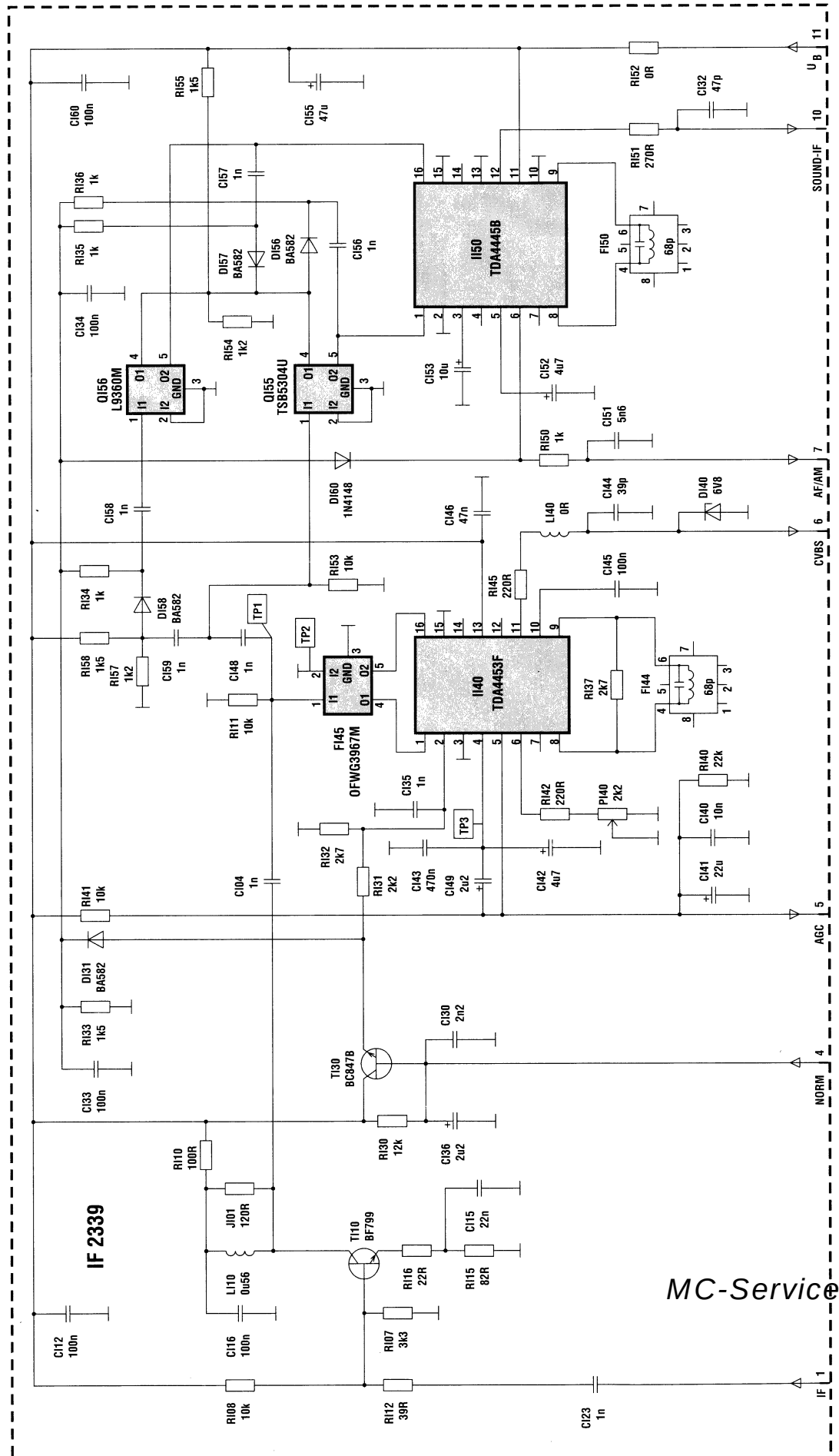




**IF AMPLIFIER - AMPLIFICATEUR FI - ZF VERSTÄRKER
AMPLIFICATEUR FI - AMPLIFICADOR FI
IF 2332**

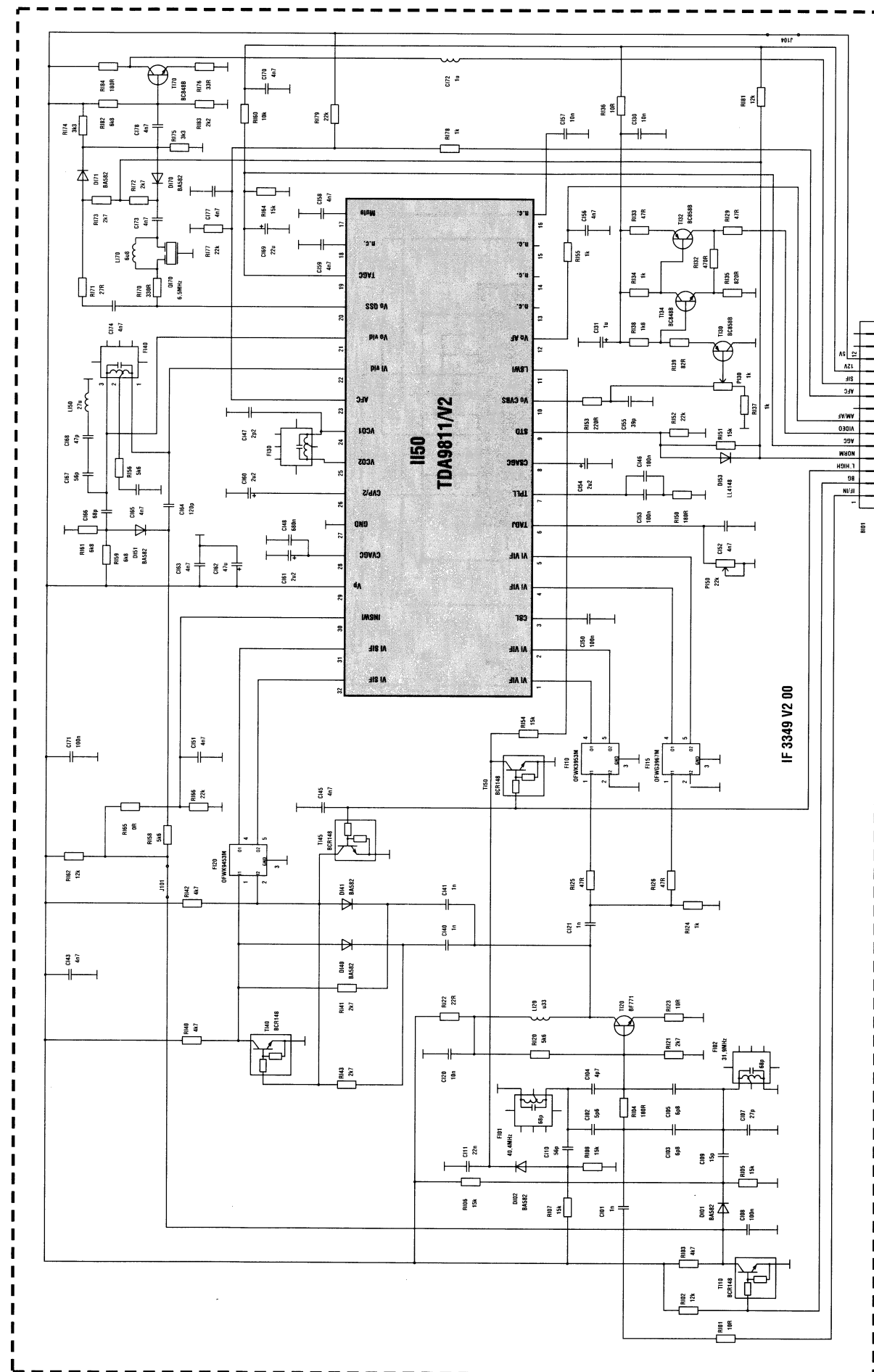


IF2339



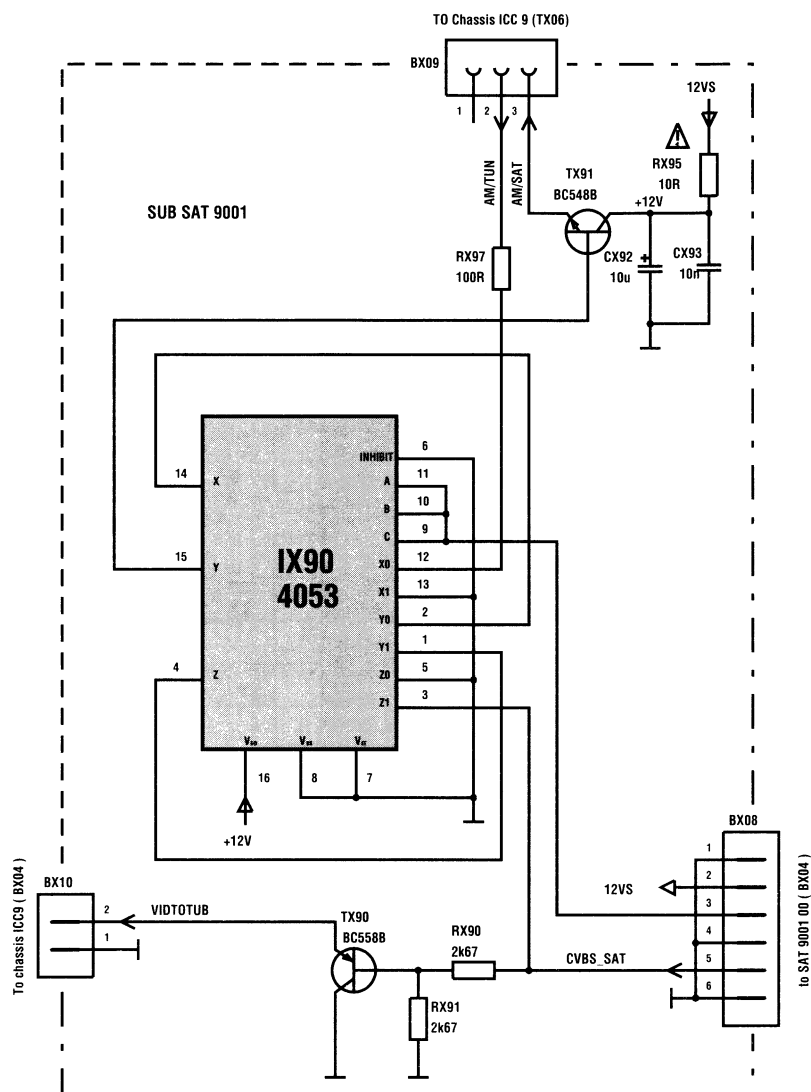
MC-Service®

IF 3349 V2



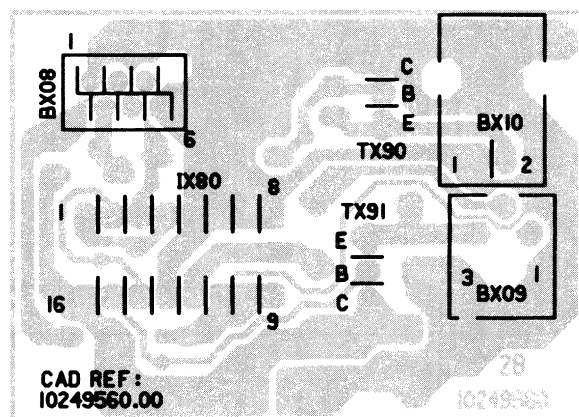
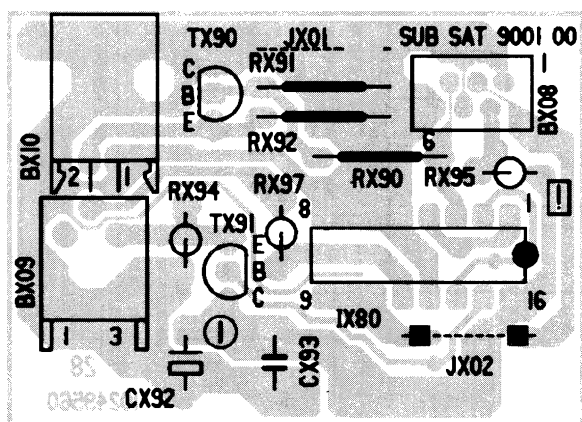
SATELLITE INTERFACE SUB SAT 9001

SATELLITEN INTERFACE SUB SAT 9001

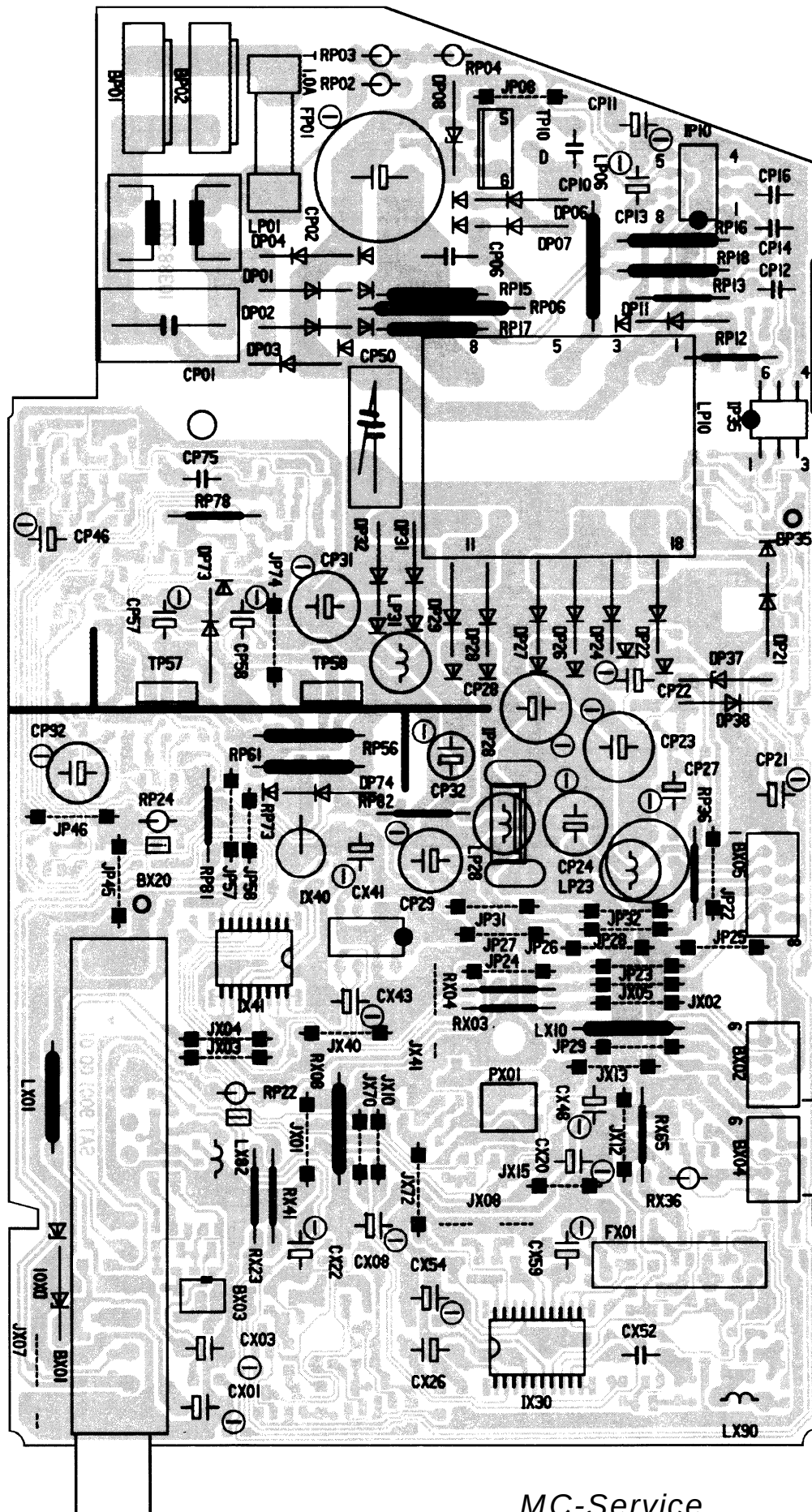


COMPONENT SIDE - COTE COMPOSANTS -
BESTÜCKUNGSSEITE - LATO COMPONENTI -
LADO COMPONENTES

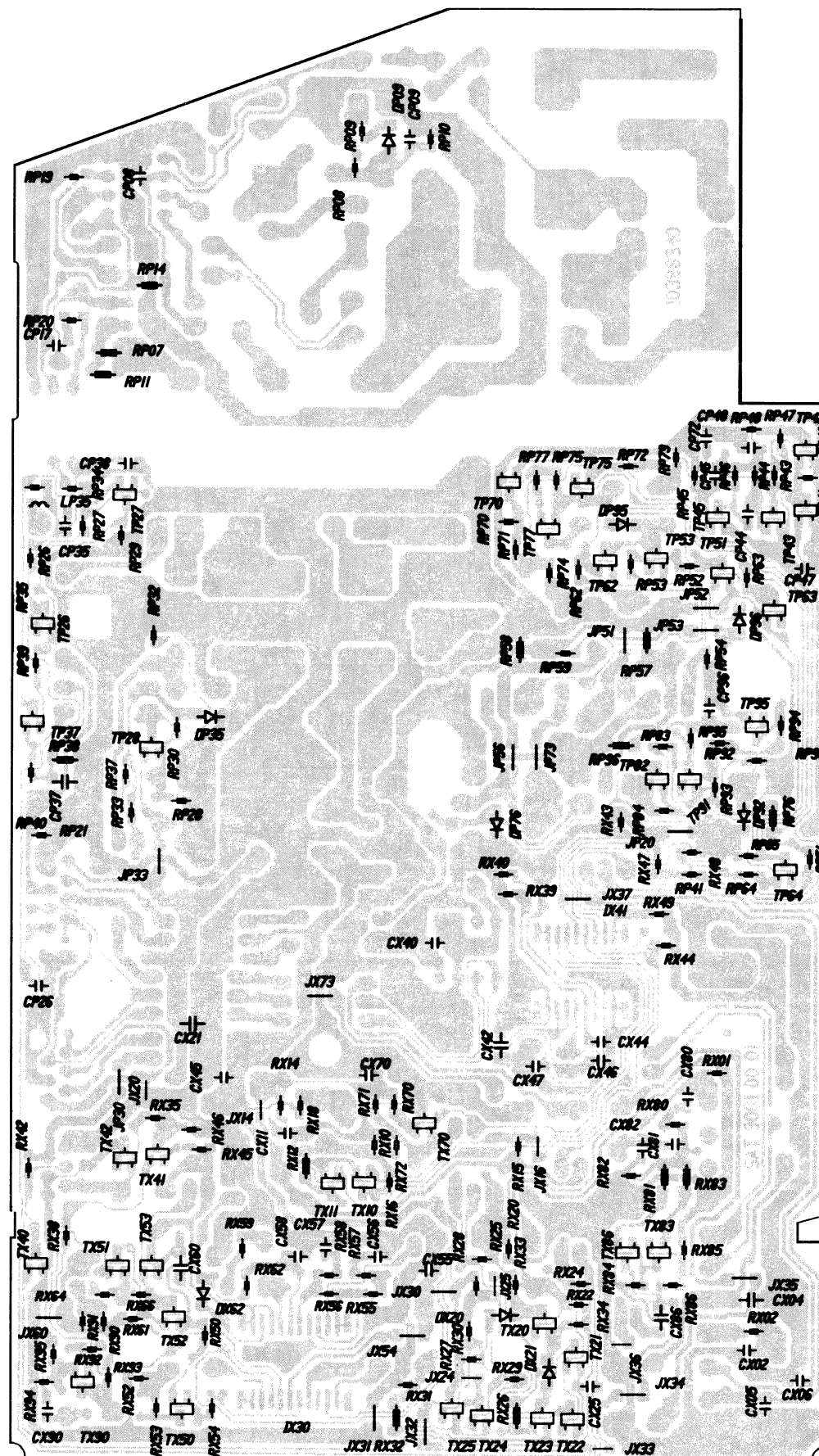
SOLDER SIDE - CÔTE SOUDURES -
LÖTSEITE SALDATURE -
LADO SOLDADURAS

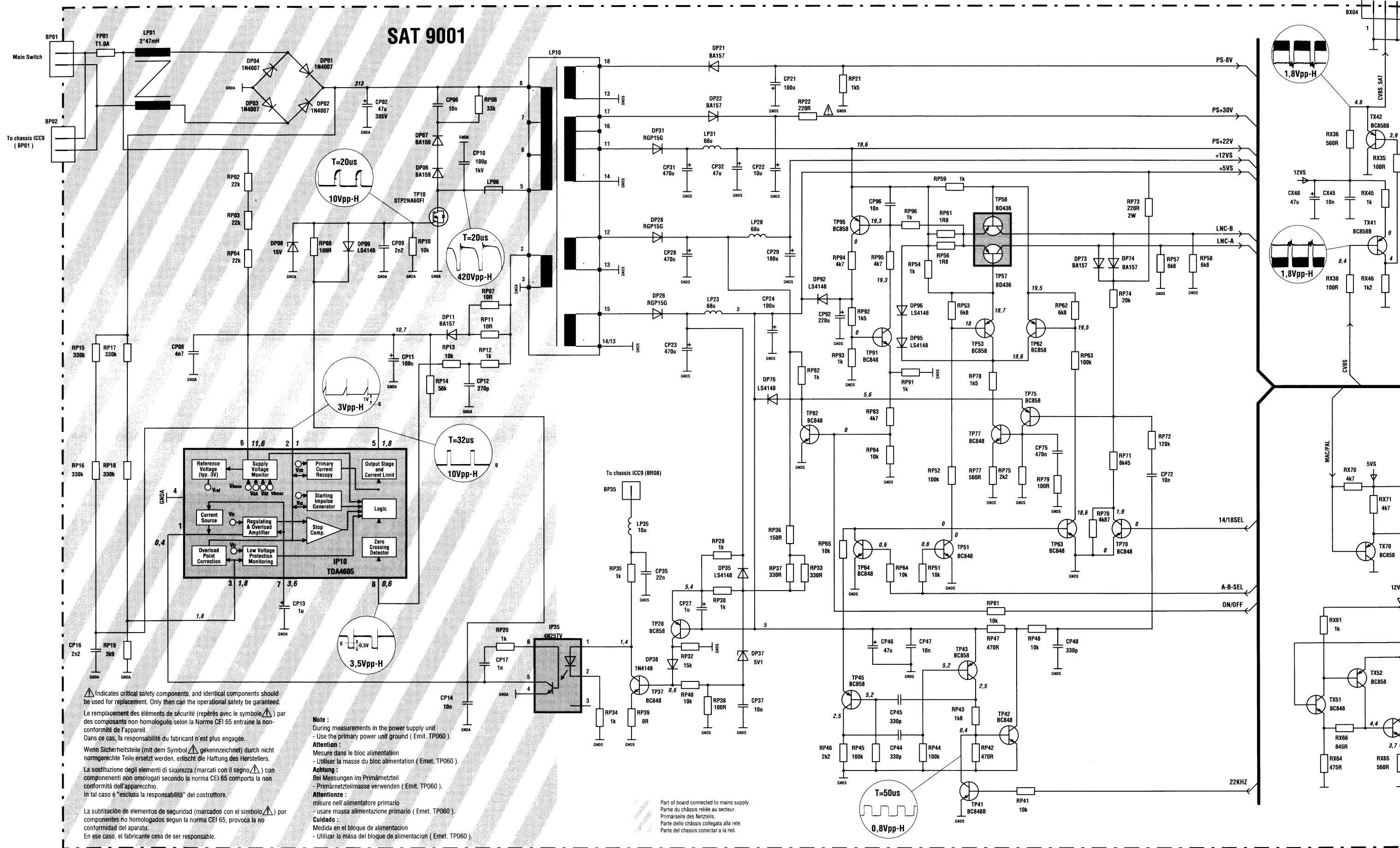


COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES

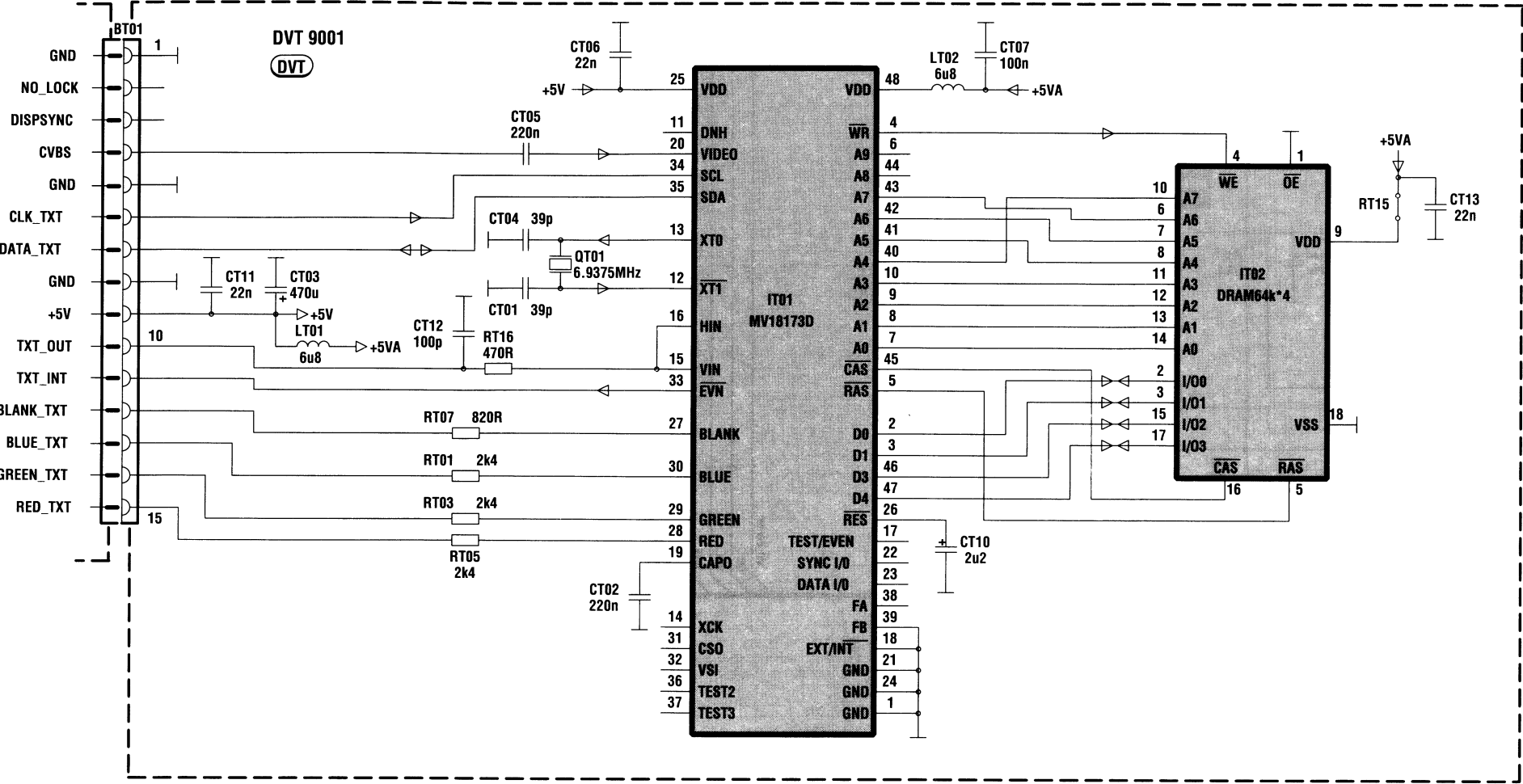


MC-Service

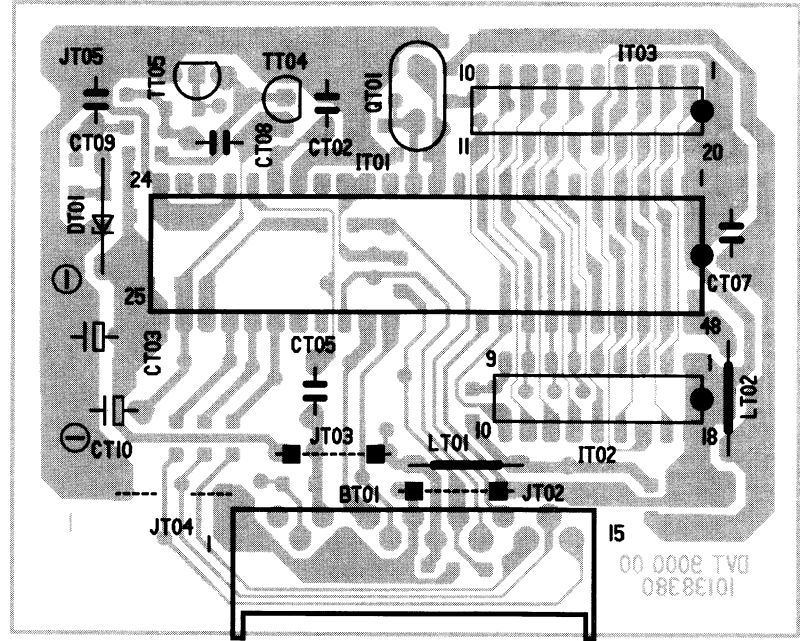




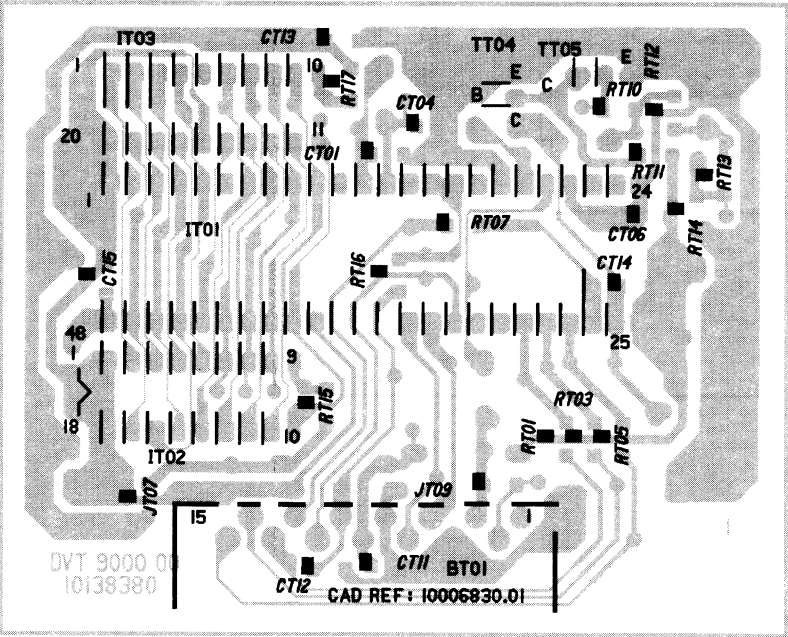
DVT 9001



COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES

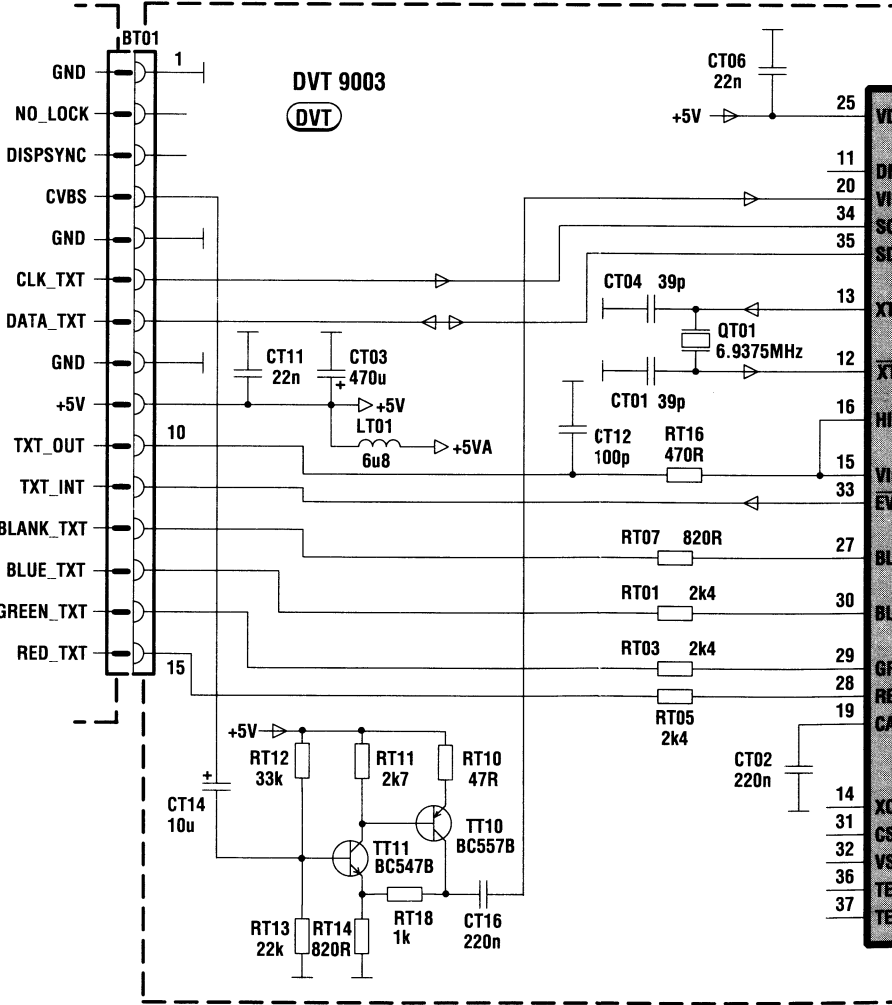
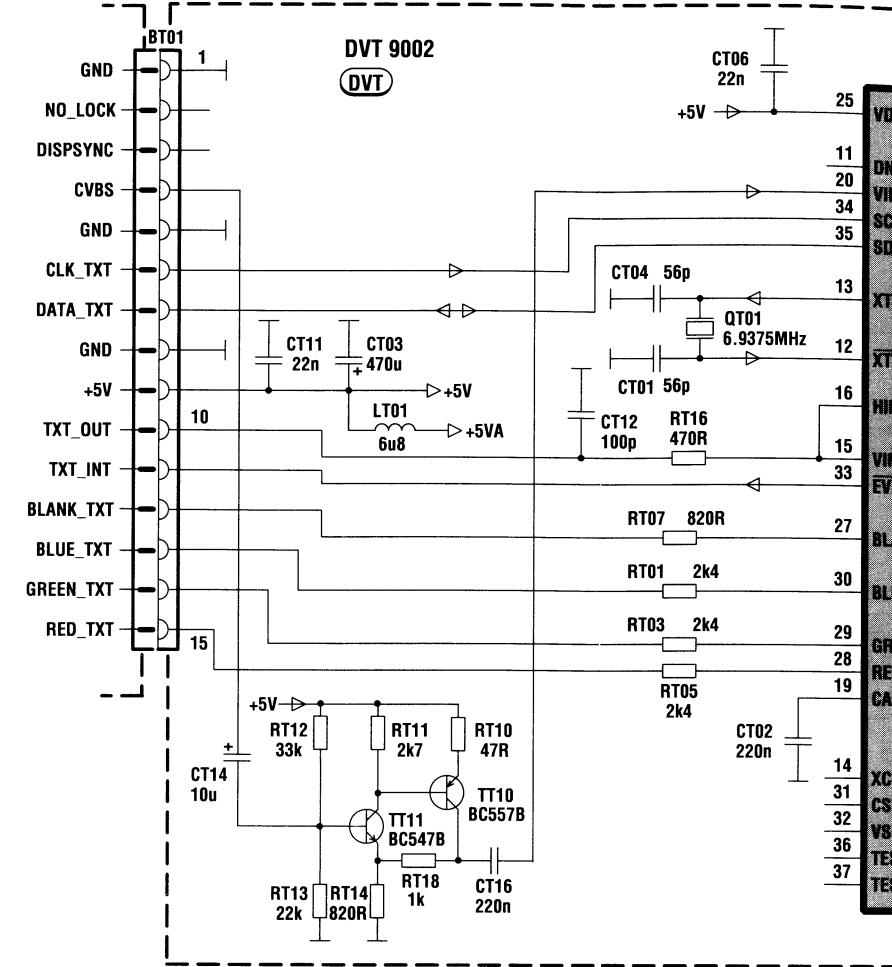


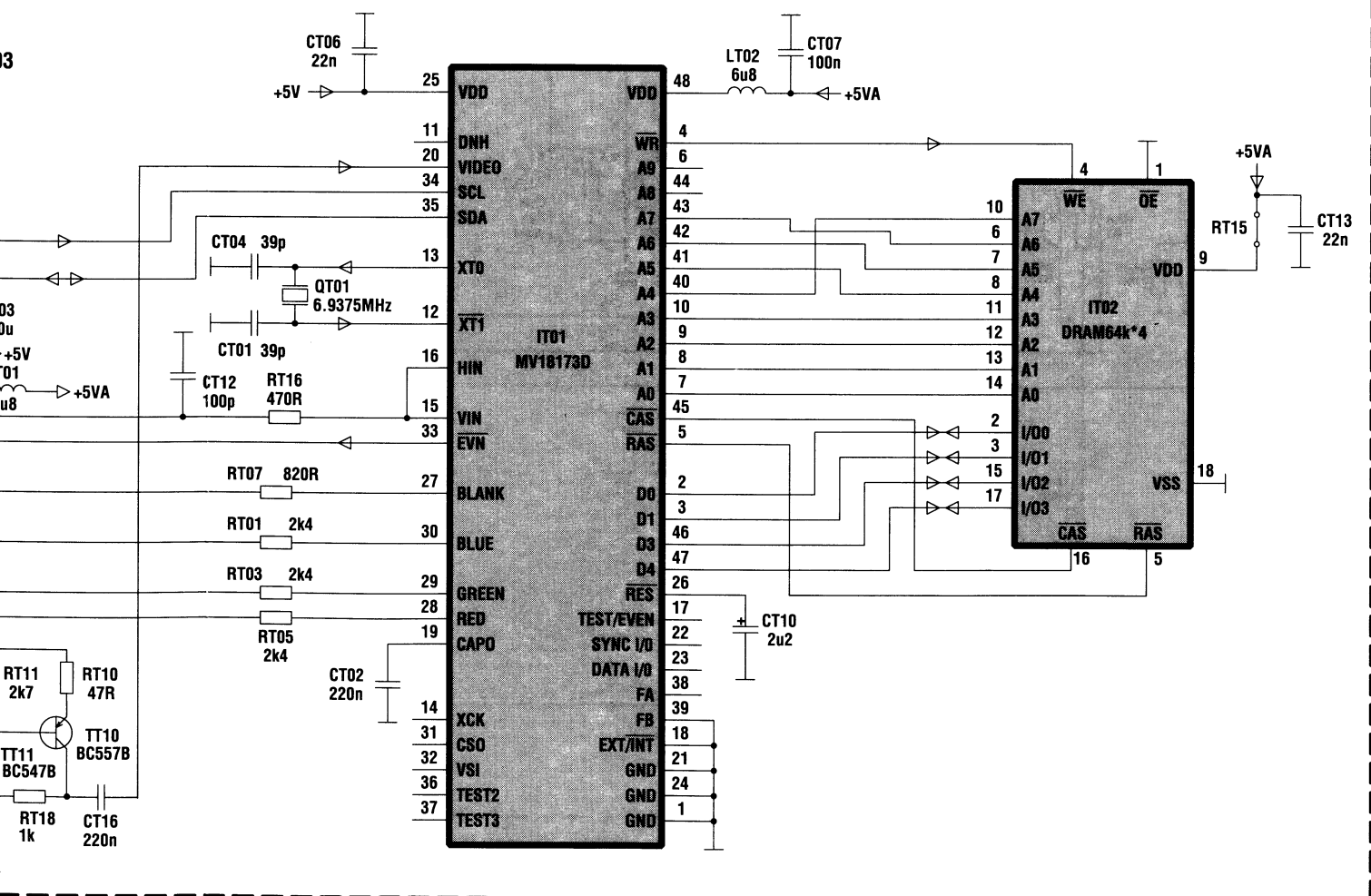
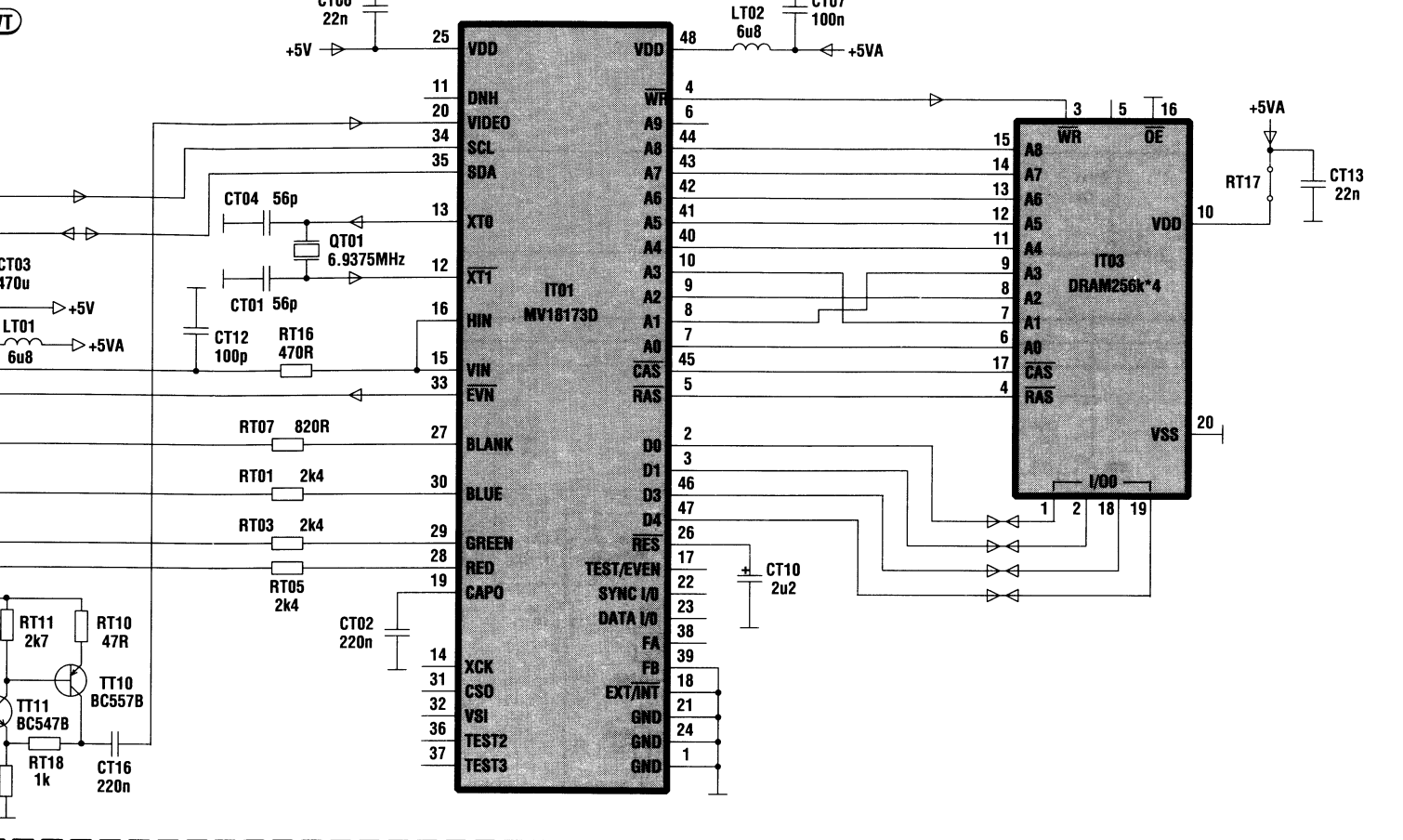
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE
LATO SALDATURE - LADO SOLDADURAS



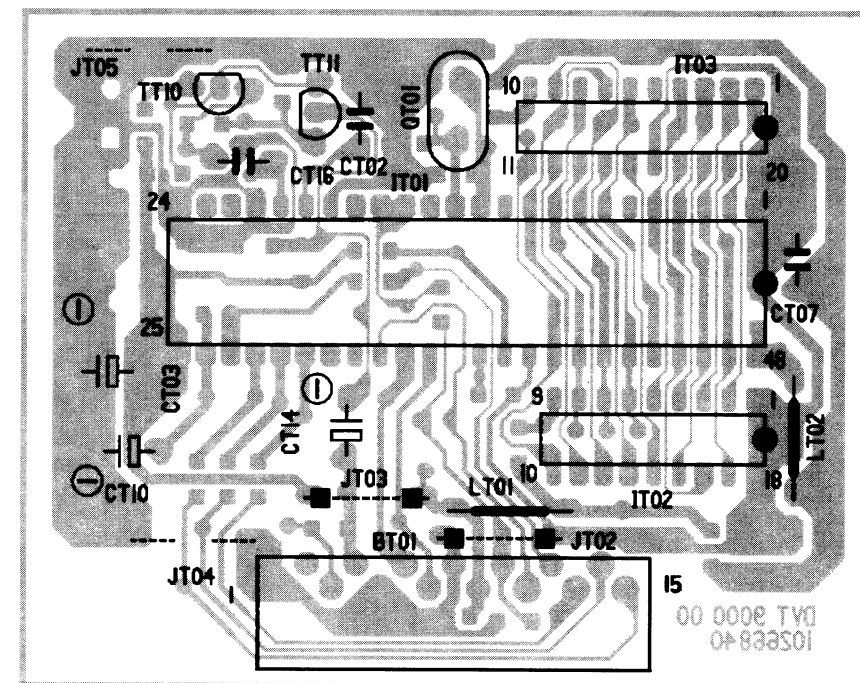
MC-Service

DVT 9002 - DVT 9003



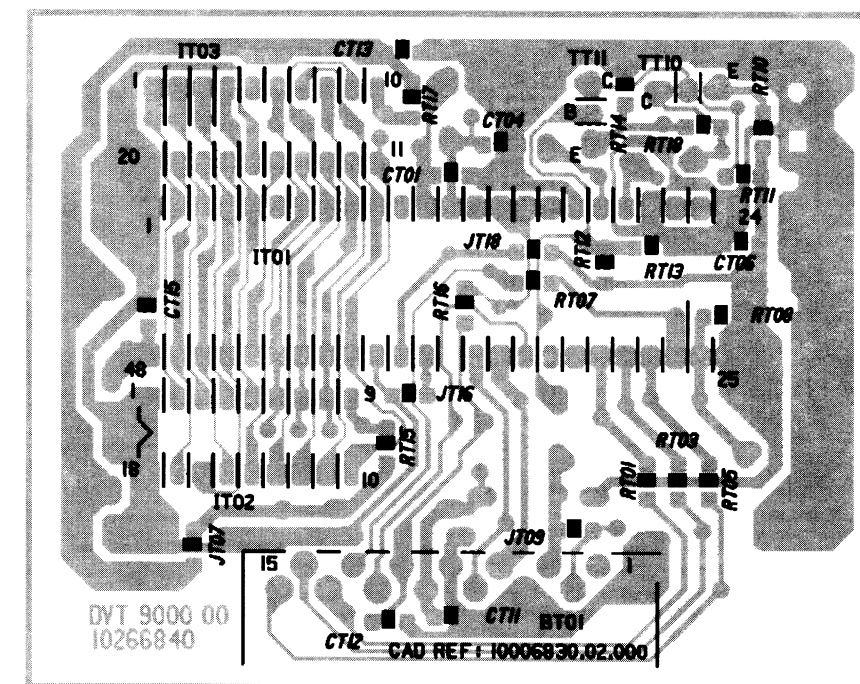


COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES

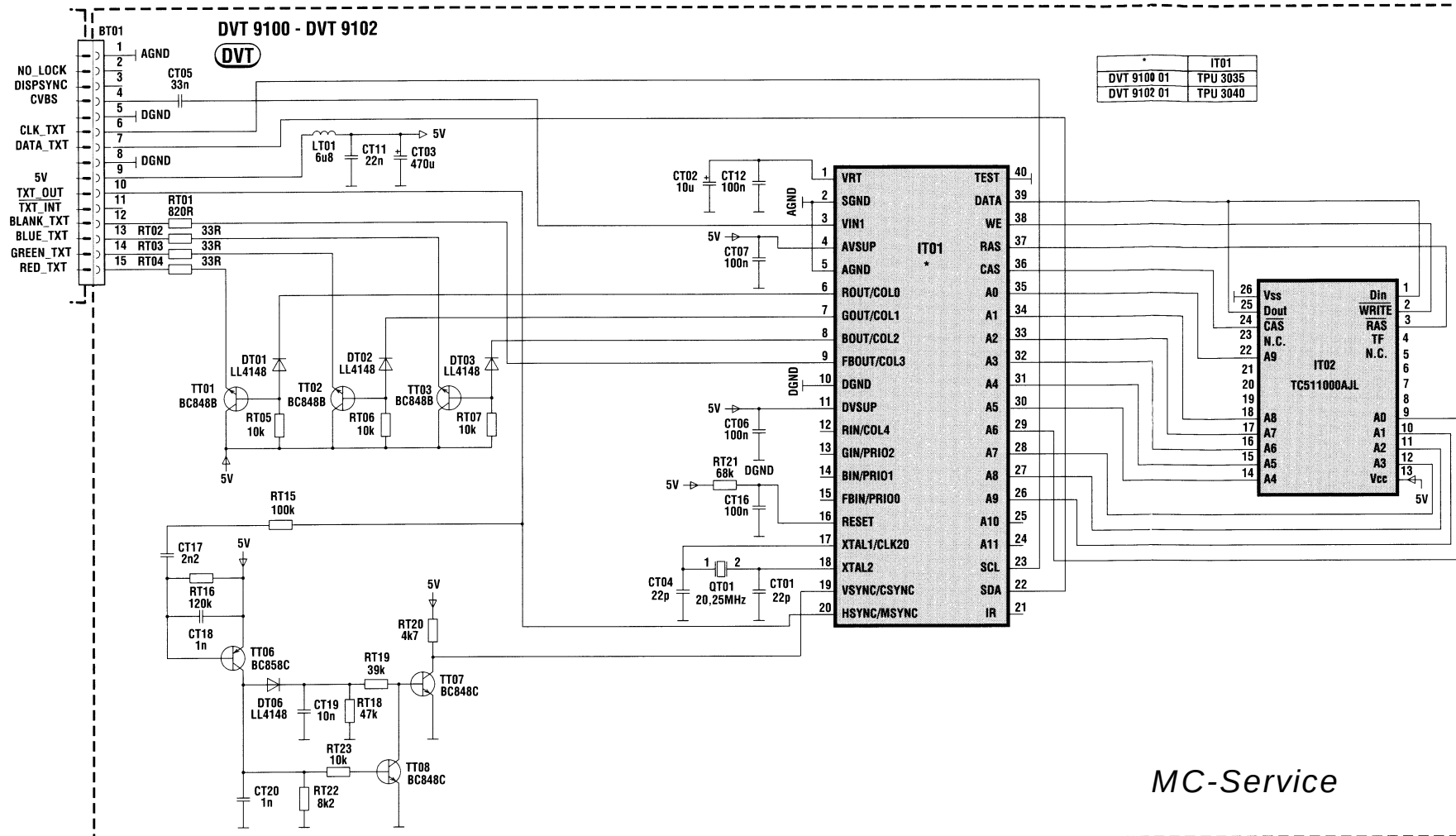


MC-Service

SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE- LATO SALDATURE - LADO SOLDADURAS

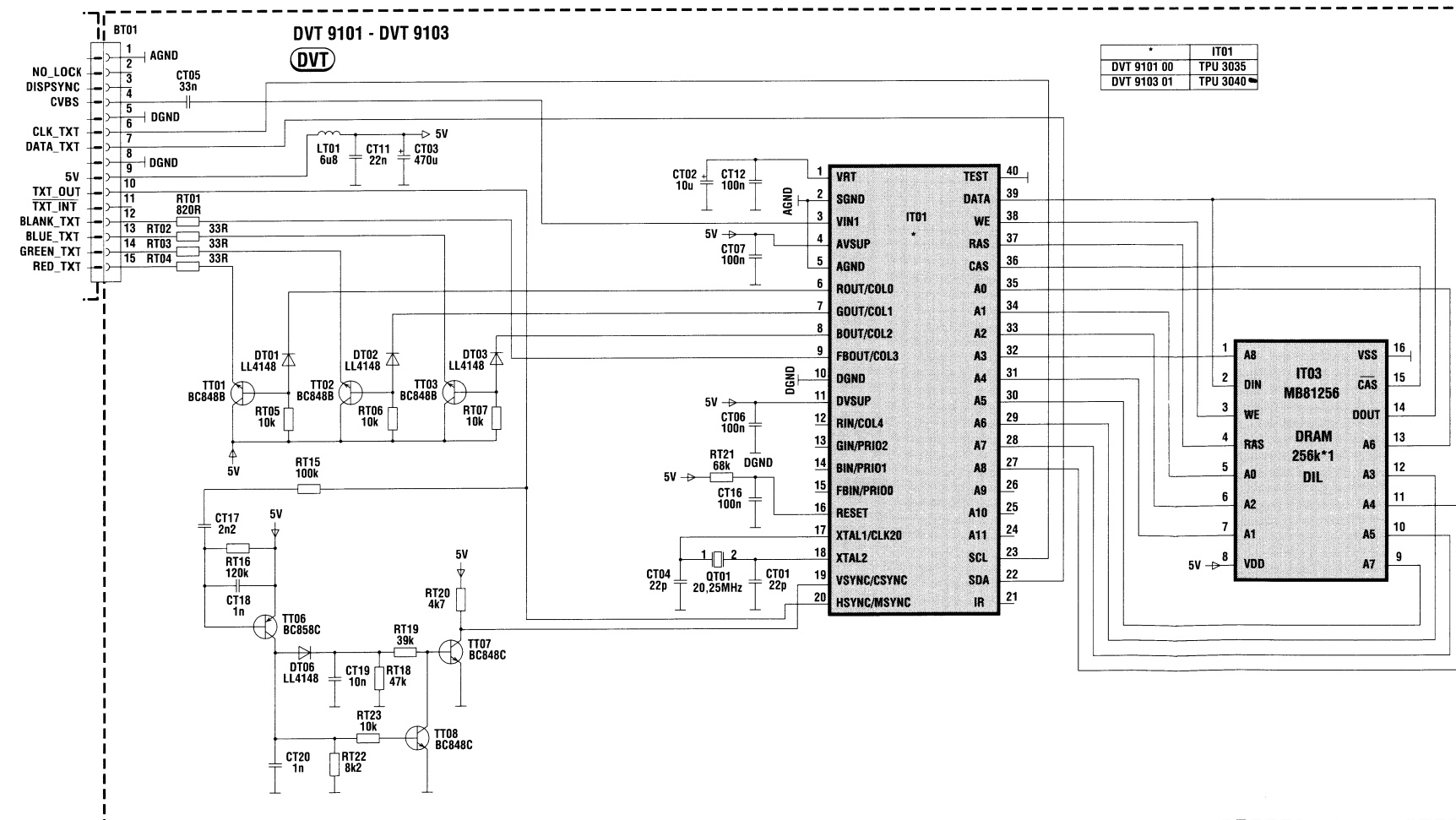
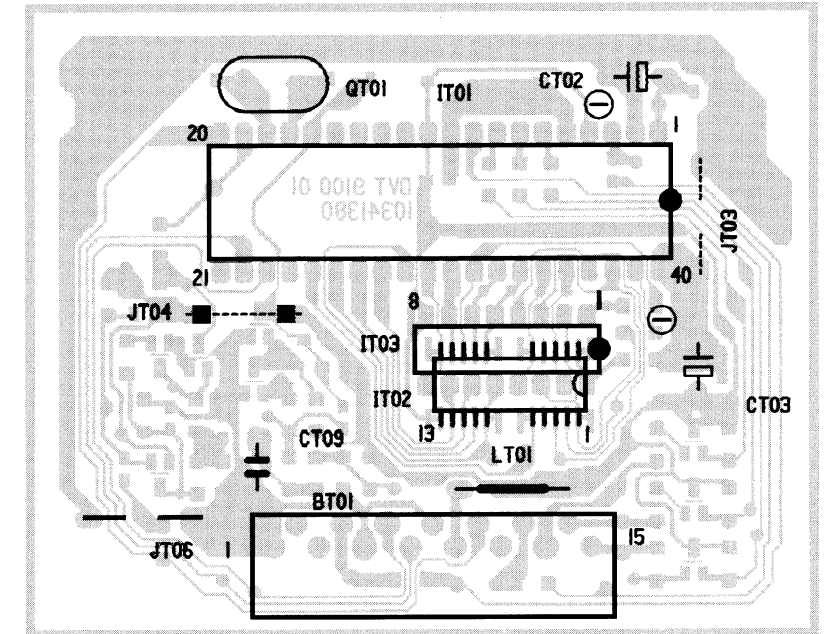


TELETEXT MODULE - MODULE TELETEXTE - VIDEOTEXT MODUL - MODULO TELEVIDEO - MÓDULO TELETETO (DVT 9100 - 9102 - 9103)

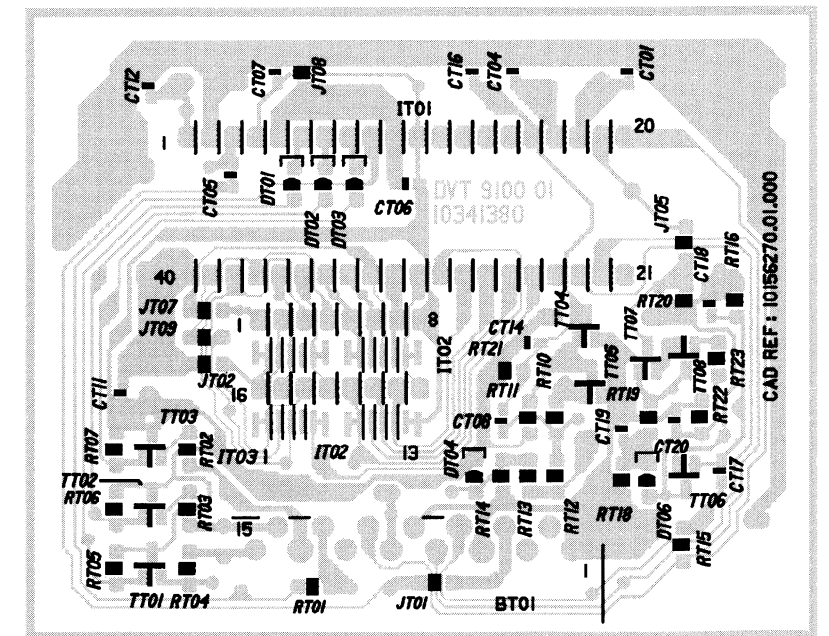


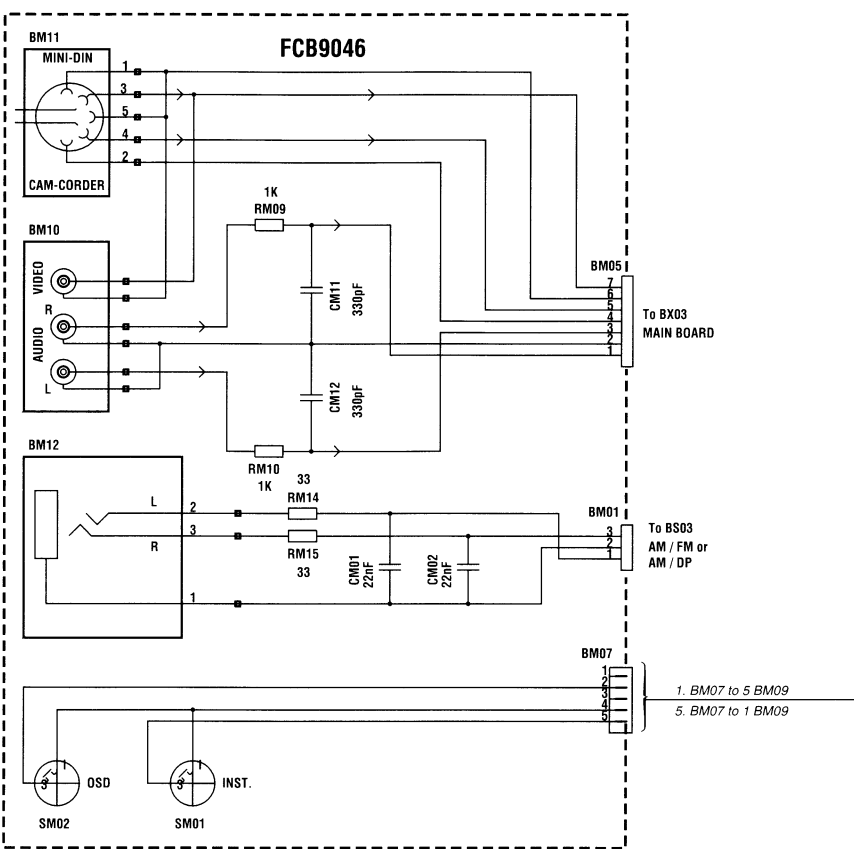
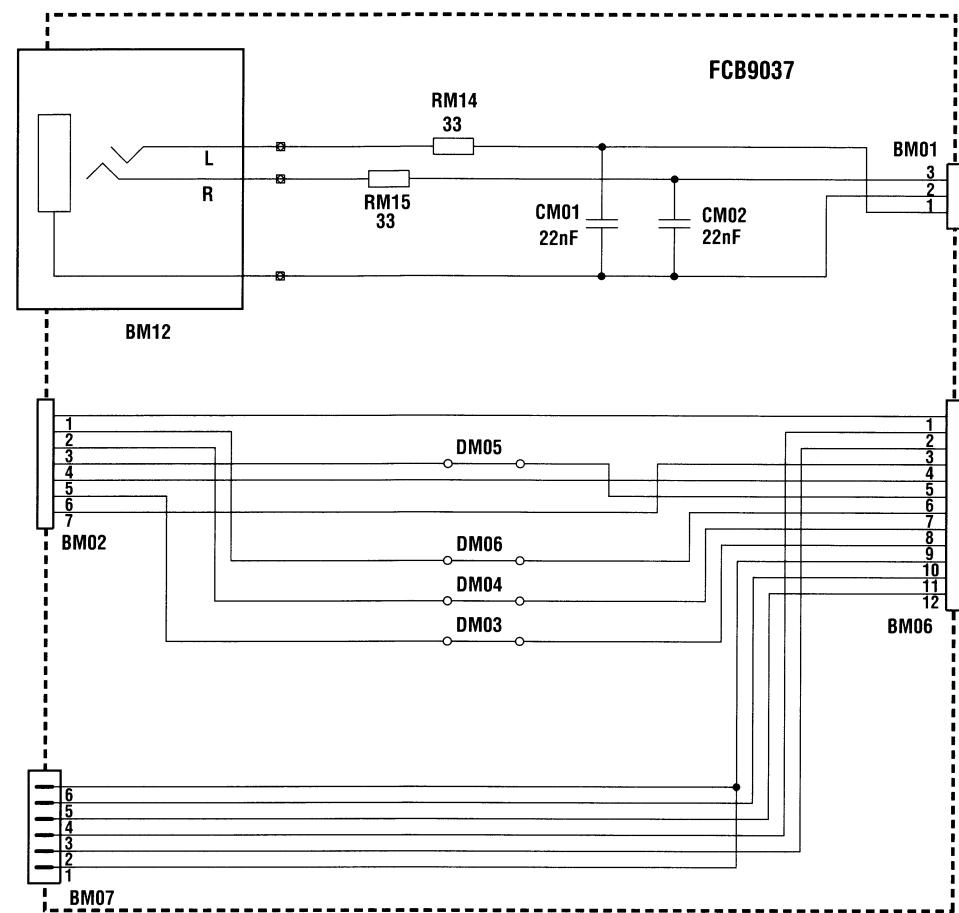
MC-Service

COMPONENT SIDE - COTE COMPOSANTS - BESTÜCKUNGSSEITE
LATO COMPONENTI - LADO COMPONENTES



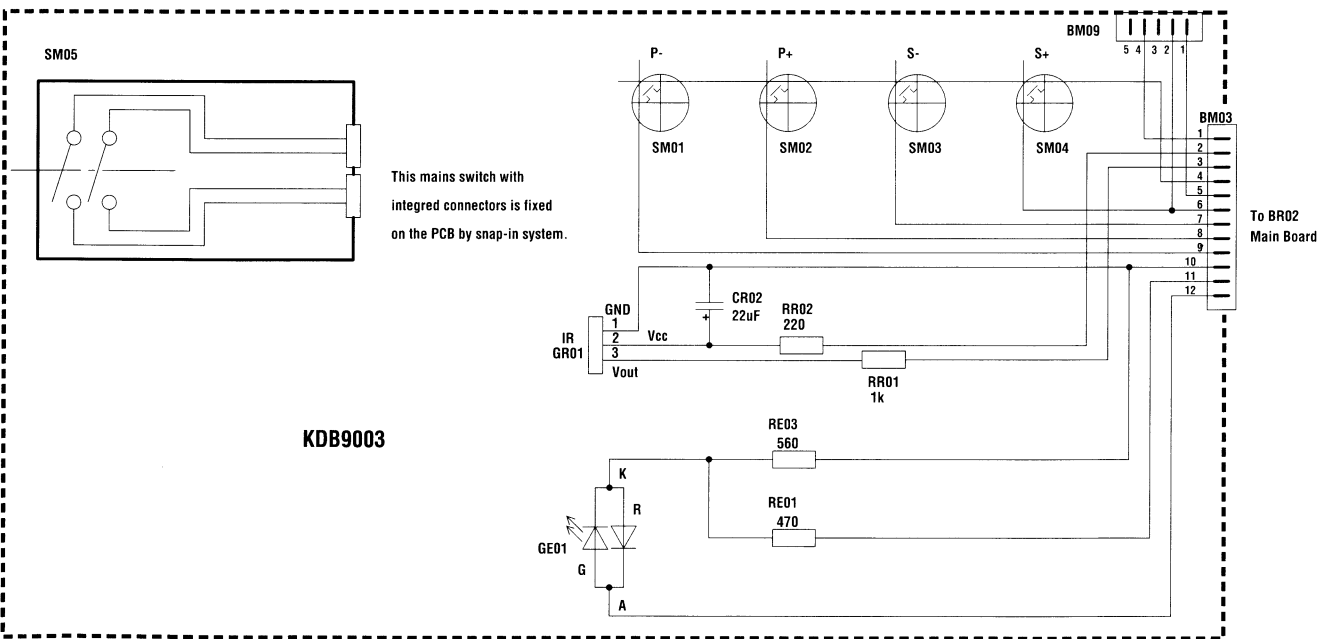
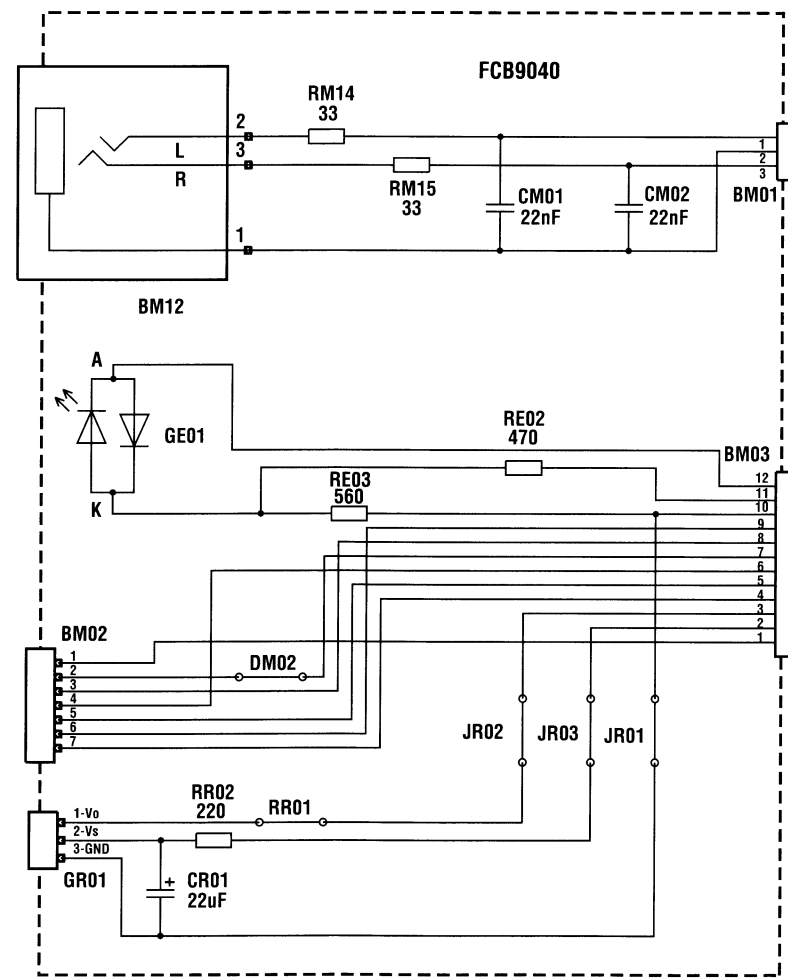
SOLDER SIDE - CÔTE SOUDURES - LÖTSEITE- LATO
SALDATURE - LADO SOLDADURAS

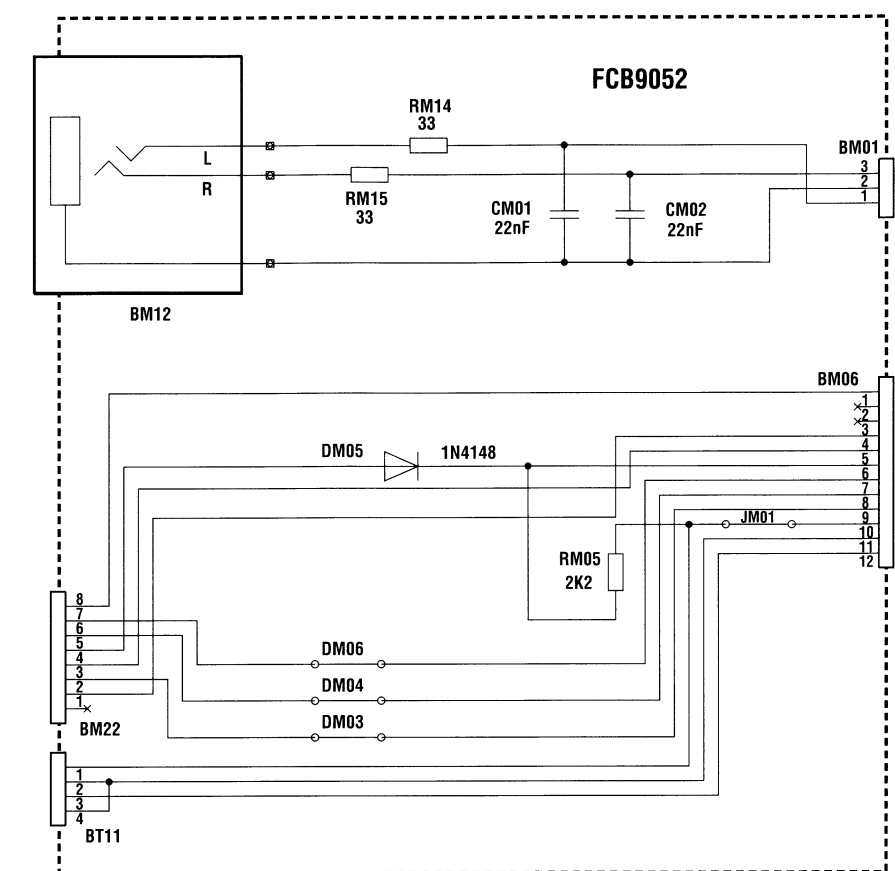
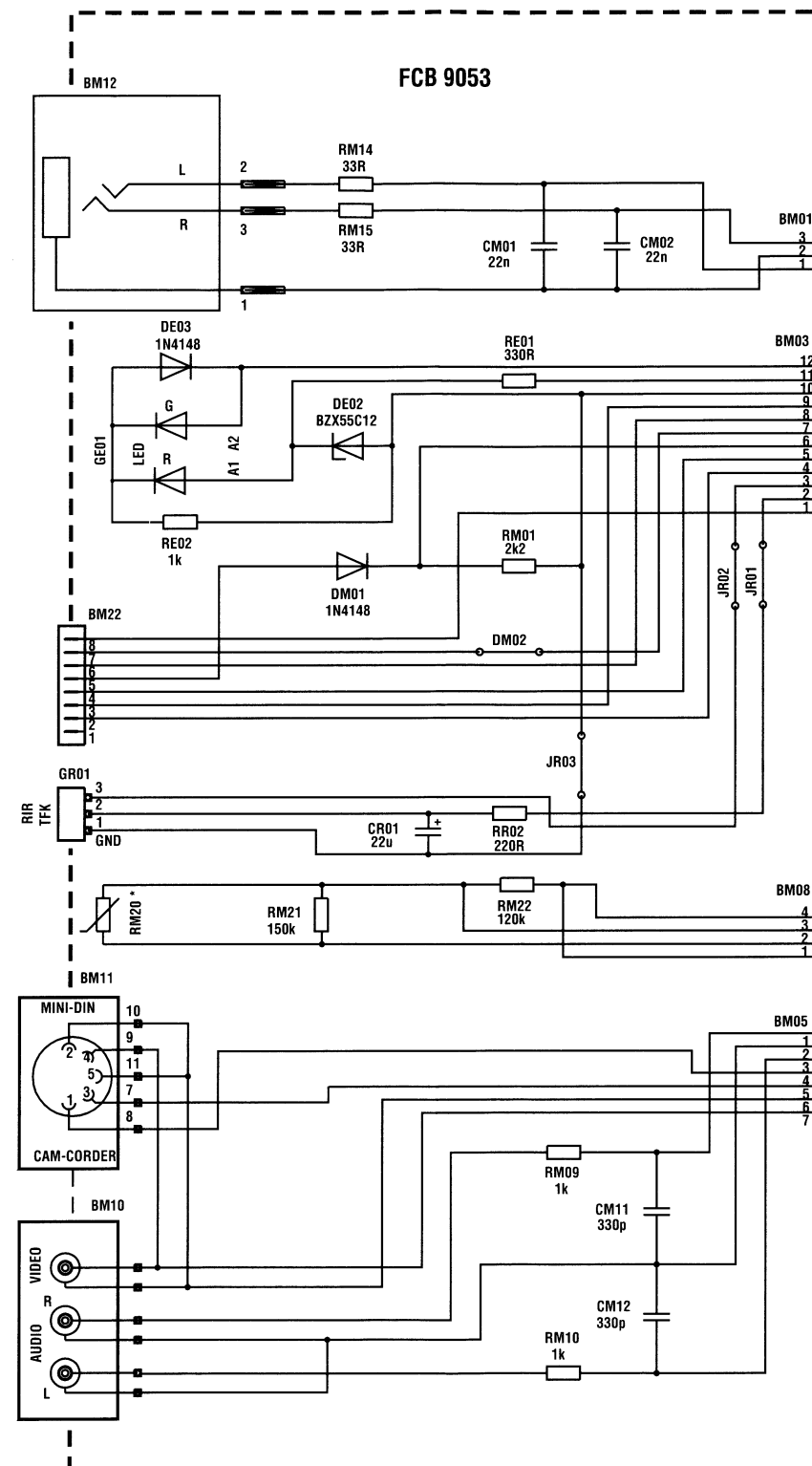
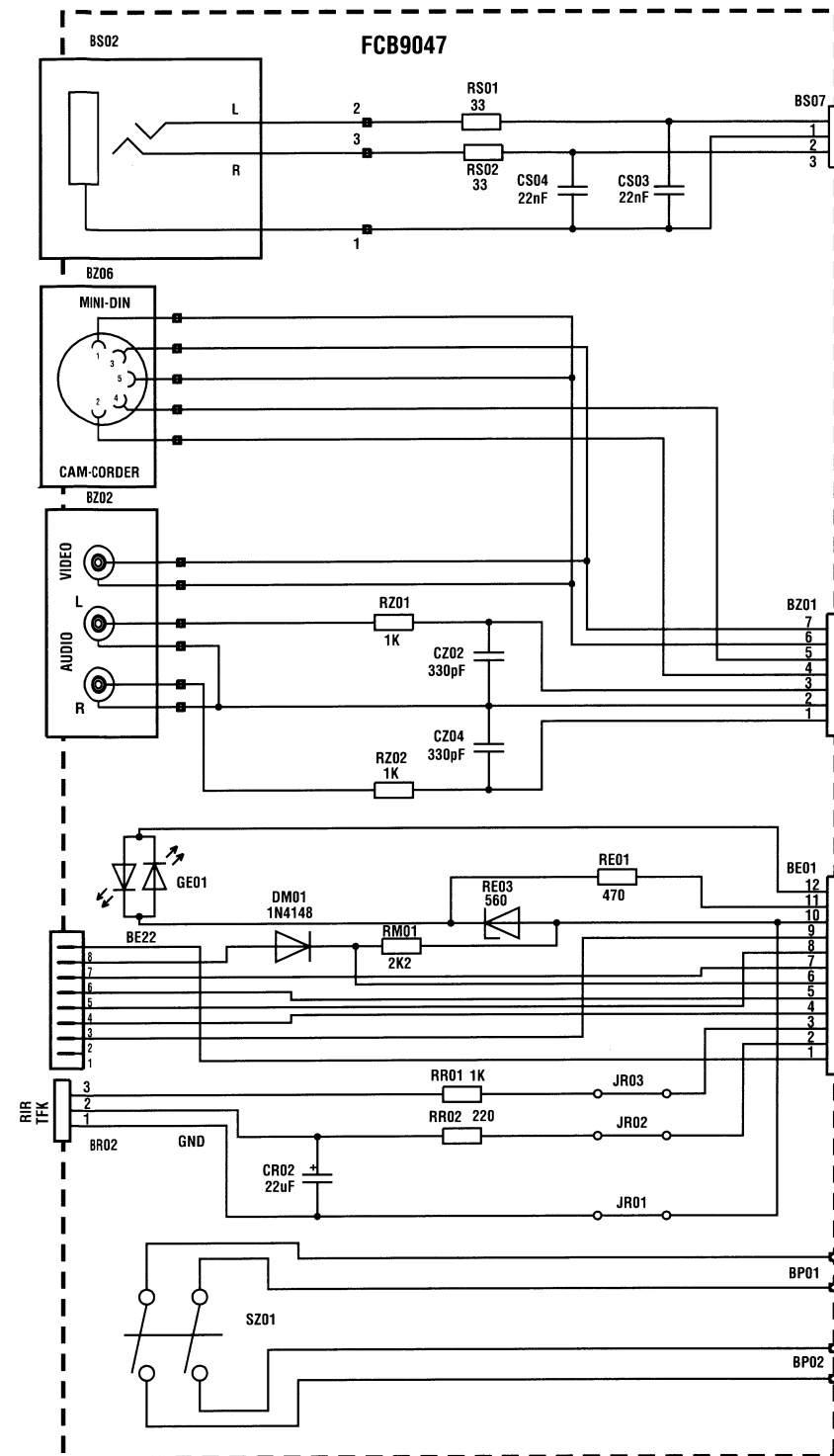




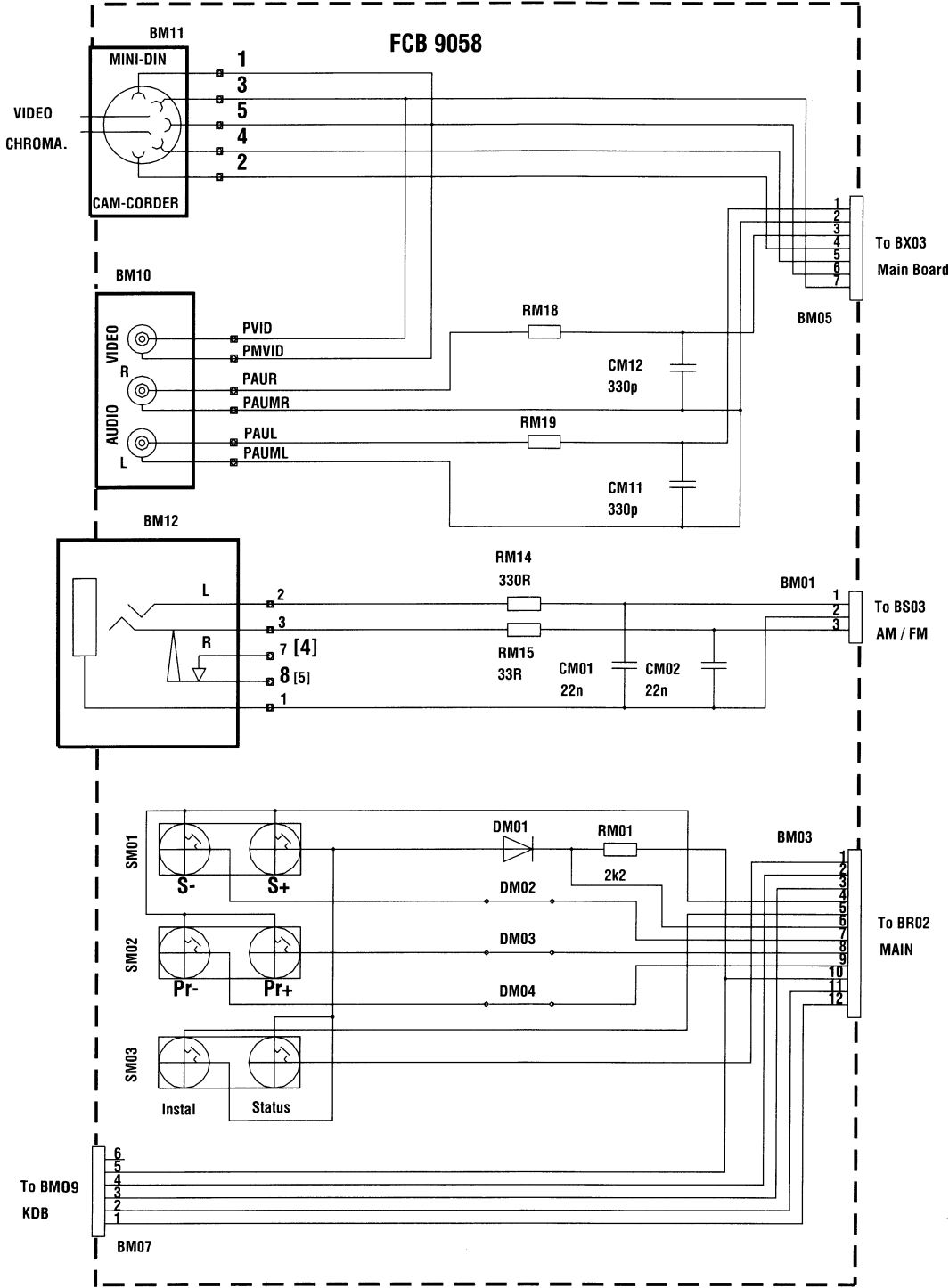
MC-Service

KEYBOARD MODULE - PLATINE CLAVIER - BEDIENTEIL
PIASTRA COMANDI - PLATINA TECLADO

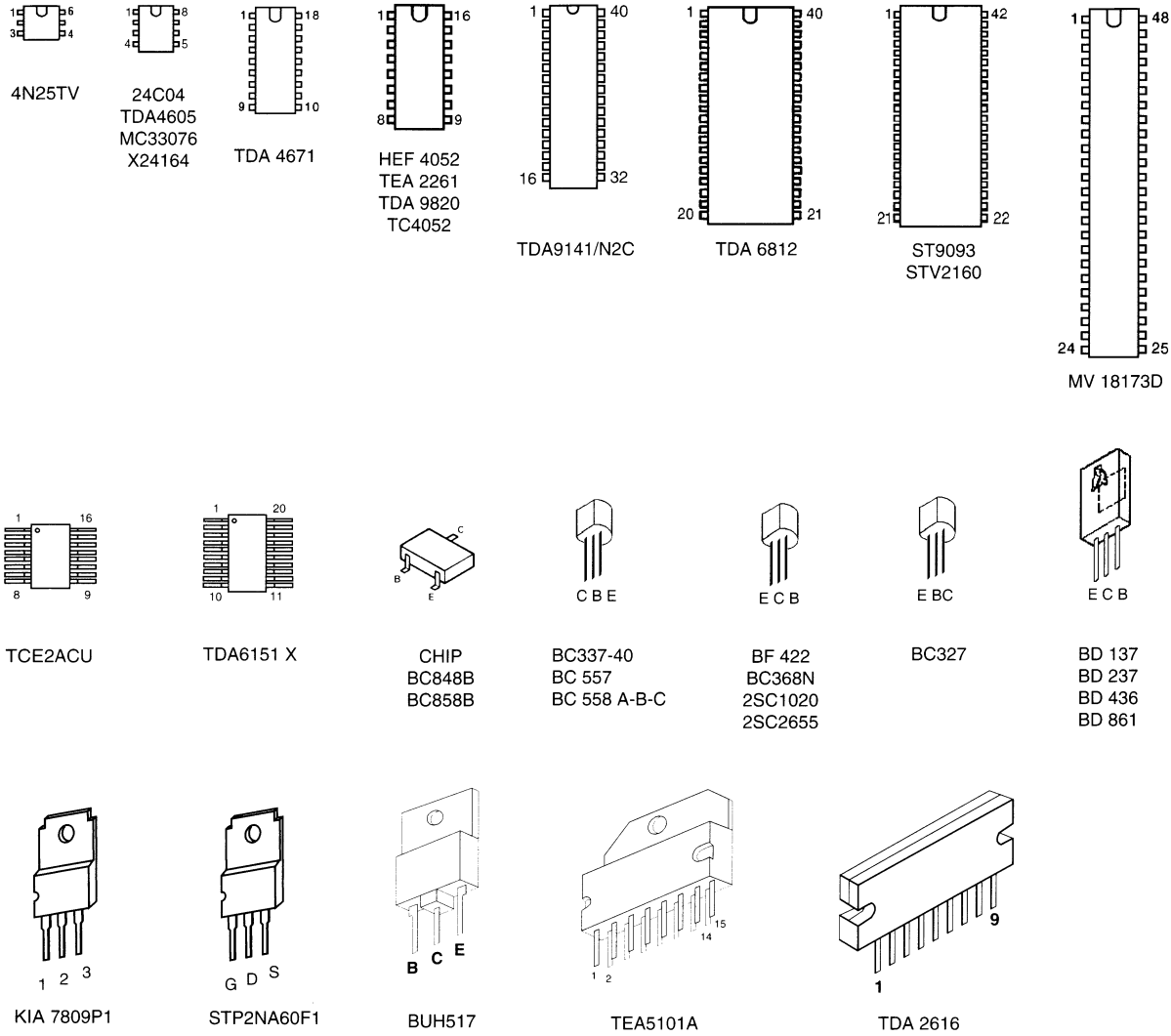




FRONT CONNECTOR BOARD - MODULE PRISE ET INTERCONNEXION DU CLAVIER -
FRONTANSCHLUSSPLATTE - PIASTRA CONNESSIONE FRONTALE
PLATINA MANDOS FRONTAL



INTEGRATED CIRCUITS AND TRANSISTORS OUTLINE - CIRCUITS INTEGRES ET TRANSISTORS
INTEGRIERTE SCHALTUNGEN UND TRANSISTOREN - CIRCUITI INTEGRATI TRANSISTOR
CIRCUITOS INTEGRADOS Y TRANSISTORES



MC-Service

ABBREVIATIONS - ABREVIATIONS - ABKÜRZUNGEN - ABBREVIAZIONI - ABREVIACIONES

● AUD-MUTE	AUDIO MUTE (37 1R01)	● HV	G2 AND FOCUS VOLTAGES
● AV1/AV2	AV1/AV2 SWITCH (A1 IX01)	● H-VCO	UNLOCKED LINE FREQUENCY
● AV1-8	SLOW COMMAND (AV1)	● ICUT	CATHODE CURRENT MEASURE
● AV1-L IN	LEFT CHANNEL AUDIO INPUT (SCART 1) (AV1)	● IF	SIGNAL FROM THE HFTUNER
● AV1-L OUT	LEFT CHANNEL AUDIO OUTPUT (SCART 1) (AV1)	● LUMA IN	LUMINANCE INPUT
● AV1-R IN	RIGHT CHANNEL AUDIO INPUT (SCART 1) (AV1)	● MAIN-U	PAL B-Y
● AV1-R OUT	RIGHT CHANNEL AUDIO OUTPUT (SCART 1) (AV1)	● MAIN-V	PAL R-Y
● AV1-V IN	VIDEO INPUT (AV1)	● MAIN-Y	PAL LUMINANCE
● AV1-V OUT	VIDEO OUTPUT (AV1)	● NORM-T1	STANDARD SELECTION
● AV2-C IN	CHROM. INPUT (SCART 2) (AV2)	● NS-N	FRAME RETURN (DC VERTICAL AMPLITUDE)
● AV2-L IN	LEFT CHANNEL AUDIO INPUT (SCART 2) (AV2)	● NS-P	FRAME RETURN (AC VERTICAL FRAMING)
● AV2-L OUT	LEFT CHANNEL AUDIO OUTPUT (SCART 2) (AV2)	● NTSC-T1	NTSC STANDARD SELECTION
● AV2-R IN	RIGHT CHANNEL AUDIO INPUT (SCART 2) (AV2)	● NVM	NON-VOLATILE MEMORY
● AV2-V IN	VIDEO INPUT (SCART 2) (AV2)	● R_AV1	CHROM. INPUT/RED INPUT (AV1)
● AV2-V OUT	VIDEO OUTPUT (SCART 2) (AV2)	● R_TXT	RED SIGNAL (IR01/DVT)
● AV-TUNER	IF/MONO SWITCH	● SCL	I2C BUS CLOCK
● BREATHIN	SCANNING SAFETY	● SDA	I2C BUS DATA
● B-AV1	BLUE SIGNAL (AV1)	● S / SYM	GEOMETRY CONTROL
● B-TXT	BLUE SIGNAL IR01/DVT	● SENSEN	VERTICAL FRAMING CONTROL
● C-IN	CHROMA INPUT	● SENSEP	VERTICAL AMPLITUDE CONTROL
● CLK	CLOCK SIGNAL	● SIF MONO	MONO IF OR STEREO IF OUTPUT
● COMP-SYNC	COMPOSITE SYNC. TO CHASSIS	● SS	POWER CONTROL
● CVBS1	COMPOSITE VIDEO (FROM THE IF)	● SSC	SUPER SANDCASTLE
● DATA	DIGITAL DATA	● SSC5V	SUPER SANDCASTLE 5Vpp
● DEGAUSS	DEGAUSS SIGNAL	● STBY	STANDBY VOLTAGE
● EW-BACK	EAST-WEST RETURN PULSE	● T1 AV-SW	SWITCH (A0 IX01)
● EW-DRIVE	EAST-WEST AMPLITUDE CONTROL	● T1-AM-AF	AM AUDIO L STANDARD
● FB-AV1	QUICK SWITCHING (SCART 1)	● T1-CVBS	CVBS (IF 6)
● FB-TXT	QUICK VIDEO TEXT SWITCHING	● TXT-OUT	VIDEO TEXT OUTPUT
● FRAME-DR	FRAME CONTROL	● USYS	SYSTEM POWER
● G-AV1	GREEN INPUT (AV1)	● + USYS -USYS	LF AMPLI POWER SUPPLY
● G-TXT	GREEN SIGNAL IR01/DVT	● VCC1	SWITCHED VOLTAGE
● H-DRIVE	HORIZONTAL CONTROL	● VDC	VERTICAL PROTECTION
● H-FLY	LINE RETURN	● V-TUN	VARIAP VOLTAGE

**Ersatzteile · Spare parts list · Liste de pièces de rechange
Lista de piezas de recambio · Lista parti di ricambio**

**Chassis
ICC9 4/3**

Wichtig: Bei Ersatzteilbestellungen bitte unbedingt die entsprechende Bestellnummer angeben!
N.B.: When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
Important: Lors d'une commande de pièces de rechange, prière d'indiquer et tout cas le numéro de la pièce!
Importante: Ordinare sempre con il numero corrispondenti di codice!
Importante: Pedir siempre los recambios con el numero correspondiente codigo!

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
		MOD./AUSTAUSCHTEILE:	EXCHANGE PARTS:	ECHANGE PLATINE:
AMFM9100	101.811.90	AM/FM9100 TON-MODUL	AM/FM9100 PCB SOUND	MA/FI9100 PLATINE
AMFM9101	101.812.00	AM/FM9101 TON-MODUL	AM/FM9101 PCB SOUND	MA/FI9101 PLATINE
AMFM9104	103.487.40	AM/FM9104 TON-MODUL	AM/FM9104 PCB SOUND	MA/FI9104 PLATINE
AMFM9215	100.088.50	AM/FM9215 TON-MODUL	AM/FM9215 PCB SOUND	MA/FI9215 PLATINE
AMFM9315	100.532.20	AM/FM9315 TON-MODUL	AM/FM9315 PCB SOUND	MA/FI9315 PLATINE
AMFM9415	100.532.30	AM/FM9415 TON-MODUL	AM/FM9415 PCB SOUND	MA/FI9415 PLATINE
AMFM9615	100.685.70	AM/FM9615 TON-MODUL	AM/FM9615 PCB SOUND	MA/FI9615 PLATINE
CRT9000	100.101.40	CRT9000 BILDROHR-PLATTE	CRT9000 PCB CRT-SOCKET	CRT9000 PLATINE
CRT9001	100.665.40	CRT9001 BILDROHR-PLATTE	CRT9001 PCB CRT-SOCKET	CRT9001 PLATINE
CRT9002	100.665.60	CRT9002 BILDROHRANSCHLUSS	CRT9002 PCB CRT-SOCKET	CRT9002 PLATINE
CRT9004	102.328.60	CRT9004 BILDROHRANSCHLUSS	CRT9004 PCB CRT-SOCKET	CRT9004 PLATINE
CRT9100	101.510.20	CRT9100 BILDROHRANSCHLUSS	CRT9100 PCB CRT-SOCKET	CRT9100 PLATINE
CRT9101	101.510.30	CRT9101 BILDROHRANSCHLUSS	CRT9101 PCB CRT-SOCKET	CRT9101 PLATINE
CRT9102	101.510.40	CRT9102 BILDROHRANSCHLUSS	CRT9102 PCB CRT-SOCKET	CRT9102 PLATINE
CRT9104	102.697.60	CRT9104 BILDROHRANSCHLUSS	CRT9104 PCB CRT-SOCKET	CRT9104 PLATINE
CRTB9001	101.611.80	CRT BS9001 BILDROHRANSCHLUSS	CRT BS9001 PCB CRT-SOCKET	CRT BS9001 PLATINE
DVT9000	100.046.30	DVT9000 VIDEOTEXT	DVT9000 PCB TELETXT	DVT9000 PLATINE
DVT9001	100.046.40	DVT9001 VIDEOTEXT	DVT9001 PCB TELETXT	DVT9001 PLATINE
DVT9002	102.697.70	DVT9002 VIDEOTEXT	DVT9002 PCB TELETXT	DVT9002 PLATINE
DVT9003	102.697.80	DVT9003 VIDEOTEXT	DVT9003 PCB TELETXT	DVT9003 PLATINE
DVT9100	101.556.30	DVT9100 VIDEOTEXT 4:3	DVT9100 PCB TELETXT	DVT9100 PLATINE
IF2139	243.057	IF2139.01 ZF-VERSTÄRKER	IF2139.01 UNIT, IF	IF2139.01 UNITE, MF
IF2239	349.354.381	IF2239 ZF-VERSTÄRKER	IF2239.01 UNIT IF	IF2239.01 UNITE MF
IF2332	101.299.00	IF2332 ZF-VERSTÄRKER	IF2332 UNIT IF	IF2332 UNITE MF
IF2339	101.298.40	IF2339 ZF-VERSTÄRKER	IF2339 UNIT	MF2339 UNITE
IF2343	100.969.80	IF2343 ZF-VERSTÄRKER	IF2343 UNIT	MF2343 UNITE
IF3349	103.038.10	IF3349 ZF-VERSTÄRKER	IF3349 UNIT	MF3349 UNITE
MTP2015	349.357.098	MTP-MM2015 TUNER (Hyperband)	MTP-MM2015 TUNER	MTP-MM2015 TUNER
MTP4015F	202.619.10	MTP4015F TUNER UVP	MTP4015F TUNER	MTP4015F TUNER
MTP4015F	202.576.50	MTP4015F TUNER VP	MTP4015F TUNER	MTP4015F TUNER

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
ZOOM9620	100.666.90	ZOOM9620 ZOOM	ZOOM9620 PCB ZOOM	ZOOM9620 PLATINE
ZOOM9680	100.844.90	ZOOM9680 ZOOM	ZOOM9680 PCB ZOOM	ZOOM9680 PLATINE
ZOOM9690	101.602.10	ZOOM9690 ZOOM	ZOOM9690 PCB ZOOM	ZOOM9690 PLATINE
		MOD./KEINAUSTAUSCH:	MODULES:	PLATINE:
NI9000	100.666.40	NI9000 NICAM-LEITERPLATTE	NI9000 PCB SUB	NI9000 PLATINE SUB
SUB	100.755.10	SUB 2H 9400 LTP	SUB 2H 9400 PCB	SUB 2H 9400 PLATINE
		CHASSIS-TEILE	CHASSIS PARTS	CHASSIS-PARTIE
BA01	239.054	Stiftleiste 12polig.US stehend	12 pin contact housing	Culot a 12 broches
BA02	110.807.20	Stiftleiste 15polig US stehend	15 pin contact housing	Culot a 15 broches
BA05	100.055.20	Buchse Lautsprecher Mono	Speaker jack	Prise hautparleur
BA05	100.075.20	Buchse Lautsprecher	Speaker jack	Prise hautparleur
BL05	239.031	Stiftleiste 3polig. US blau stehend	Contact strip 3-pole, blue	Connecteur male 3 broches, bleu
BR01	309.650.061	Stiftleiste 3polig rot UF	Contact strip 3-pole, red	Connecteur male 3 broches, rouge
BR02	260.789	Stiftleiste 12polig. MICS 12 SW	Contact strip 12-pole, black	Connecteur male 12 broches
BR03	266.713	Stiftleiste 4polig MICS4	Contact strip 4-pole black	Connecteur male 4 broches
BR05	604.307.75	Stiftleiste 4polig US stehend	4 pin contact housing UF	Culot a 4 broches UF
BT04	309.650.091	Stiftleiste 15polig natur UF	Contact strip 15-pole	Connecteur male 15 broches
BV01	509.029.80	Stiftleiste 7pol. US rot stehend	7 pin contact housing	Culot a 7 broches
BX01	309.651.034	Buchse Euro AV (SCART)	Scart socket	Prise femelle peritelevision
BX02	100.616.90	Abdeckung Scart ICC9	Cover plug	Cache
BX02	309.651.034	Buchse Euro AV (SCART)	Scart socket	Prise femelle peritelevision
BX03	243.598	Stiftleiste 7polig. US stehend	7 pin wafer	Barrette de contact 7 voies
BX50	309.650.092	Stiftleiste 4polig Liegend	Contact strip 4-pole	Connecteur male 4 broches
CL07	140.358.70	10NF 400V 5% Kondensator	10NF 400V 5% Capacitor	10NF 400V 5% Condensateur
CL11	239.322	10UF 250V 20% Elko	10UF 250V 20% E cap	10UF 250V 20% CC
CL12	243.879	330PF 400V 20% Keramik-Kondensator	330PF 400V 20% C cap	330PF 400V 20% CC
CL13	243.879	330PF 400V 20% Keramik-Kondensator	330PF 400V 20% C cap	330PF 400V 20% CC
CL21	101.657.70	6N3F 1K6V 3,5% Filmkondensator	6N3F 1K6V 3,5% Film cap	6N3F 1K6V 3,5% Condensateur film
CL21	201.883.40	16N8F 1K6V 3,5% Filmkondensator	16N8F 1K6V 3,5% Film cap	16N8F 1K6V 3,5% Condensateur
CL21	256.986	12N 1,5KV CFS Kondensator	12NF 1K5V 3,5% Film cap	12NF 1K5V 3,5% Condensateur
CL21	309.431.485	12N4F 1K6V 3,5% Filmkondensator	12N4F 1K6V 3,5% Film cap	12N4F 1K6V 3,5% Condensateur
CL21	309.433.767	13N1F 1K5V 3,5% MKP-Kondensator	13N1F 1K5V 3,5% MKPoly cap	13N1F 1K5V 3,5% C KPM
CL22	266.240	26NF 400V MKP-Kondensator	26NF 400V 5% MKPoly cap	26NF 400V 5% C KPM
CL22	309.433.772	20NF 400V MKPS-Kondensator	20NF 400V 5% MKPoly cap	20NF 400V 5% C KPM
CL22	803.058.00	22N0F 400V 5% Filmkondensator	22N0F 400V 5% Film cap	22N0F 400V 5% Condensateur film
CL23	101.390.10	3N3F 400V 5% MP-Kondensator	3N3F 400V 5% MPoly cap	3N3F 400V 5% C MP
CL23	150.011.30	10NF 400V 5% MP-Kondensator	10NF 400V 5% MPoly cap	10NF 400V 5% C MP
CL23	256.384	8N2F 400V 5% MP-Kondensator	8N2F 400V 5% MPoly cap	8N2F 400V 5% C MP
CL24	246.816	1UF 250V 10% Filmkondensator	1UF 250V 10% Film cap	1UF 250V 10% Condensateur
CL27	100.779.60	510N0F 250V 5% Filmkondensator	510N0F 250V 5% Film cap	510N0F 250V 5% Condensateur film
CL27	101.390.00	680N0F 250V 5% Filmkondensator	680N0F 250V 5% Film cap	680N0F 250V 5% Condensateur film
CL27	309.433.768	390NF 250V 10% MKP-Kondensator	390NF 250V 10% Film cap	390NF 250V 10% Condensateur
CL27	309.434.626	360NF MKPSKO 250V 5% Kondensator	360NF 250V 5% Film cap	360NF 250V 5% Condensateur
CL27	440.089	470NF 250V 5% MKP-Kondensator	470NF 250V 5% MPoly cap	470NF 250V 5% C PP
CL40	100.608.30	1U0F 250V 20% Elko	1U0F 250V 20% E cap	1U0F 250V 20% C chimique
CL40	101.211.70	3U3F 160V 20% Elko	3U3F 160V 20% E cap	3U3F 160V 20% C chimique
CL40	246.576	2U2F 160V Elko	2U2F 160V E cap	2U2F 160V CC
CL42	101.220.40	4U7F 160V 20% Elko	4U7F 160V 20% E cap	4U7F 160V 20% C chimique
CP01	239.351	68N 250V 20% MP-Kondensator	68NF 250V 20% MPoly cap	68NF 250V 20% C MP
CP07	309.442.972	1N5F 1KV Keramik-Kondensator	1N5F 1KV C cap	1N5F 1KV C ceramique
CP08	100.971.70	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap	4N7F 1KV C ceramique
CP09	100.971.70	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap	4N7F 1KV C ceramique
CP10	238.266	330PF 400V 20% Keramikkondensator	330PF 400V 20% C cap	330PF 400V 20% C ceramique

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
CP11	100.993.90	470P0F 2KV Keramik-Kondensator	470P0F 2KV C cap	470P0F 2KV C ceramique
CP12	100.993.80	150P0F 2KV Keramik-Kondensator	150P0F 2KV C cap	150P0F 2KV C ceramique
CP13	309.460.614	2N2F 1KV 20% MPP-Kondensator	2N2F 1KV 20% MPoly cap	2N2F 1KV 20% C PP
CP14	309.418.404	150UF 385V Elko	150UF 385V E cap	150UF 385V CC
CP50	101.106.90	1N5F 400V 20% Keramik-Kondensator	1N5F 400V 20% C cap	1N5F 400V 20% C ceramique
CP50A	309.951.997	Schutzkappe F.CP21/ 49/50	Protection cap	Capot plastique
CP62	266.247	100PF 1KV 20% Keramik-Kondensator	100PF 1KV 20% C cap	100PF 1kV 20% C ceramique
DA09	309.327.108	ZPD39 Z-Diode	ZPD39 Z-Diode	ZPD39 Z- Diode
DA09	351.243.3000	ZPD30 Z-Diode	ZPD30 Z-Diode	ZPD30 Z-Diode
DC01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DC30	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DF01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DF02	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DF07	266.939	ZPD15V Z-Diode	ZPD15V Z-Diode	ZPD15V Z-Diode
DF11	462.299	BAV21 Diode	BAV21 Diode	BAV21 Diode
DF28	462.299	BAV21 Diode	BAV21 Diode	BAV21 Diode
DF30	462.299	BAV21 Diode	BAV21 Diode	BAV21 Diode
DF31	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DF32	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DH01	276.644	ZPD33V 0,5W 5% Z-Diode	ZPD33V 0,5W 5% Z-Diode	ZPD33V 0,5W 5% Z-Diode
DL11	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DL12	309.325.149	BY296 Diode	BY296 Diode	BY296 Diode
DL13	309.325.087	BY297 Diode	BY297 Diode	BY297 Diode
DL21	239.228	BY228 Diode mit Kühlfahne	BY228 Diode	BY228 Diode
DL22	266.280	BYW76 Diode	BYW76 Diode	BYW76 Diode
DL28	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DL40	101.550.30	BAV103 Diode SMD	BAV103 Diode SMD	BAV103 Diode SMD
DL40	102.224.20	BAV203 Diode SMD	BAV203 Diode SMD	BAV203 Diode SMD
DL60	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DL61	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL62	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DL63	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DL64	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL65	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DL66	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL67	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL68	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL69	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL70	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP02	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP03	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP04	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP05	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP10	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP13	490.007.4145	MUR160 Diode	MUR160 Diode	MUR160 Diode
DP17	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP18	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP19	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP23	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP26	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP30	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP31	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP34	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP35	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP36	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP41	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DP51	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DP54	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP55	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP56	309.327.095	ZPD3,9 Z-Diode	ZPD3,9 Z-Diode	ZPD3,9 Z-Diode
DP57	266.939	ZPD15V Z-Diode	ZPD15V Z-Diode	ZPD15V Z-Diode

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
DP58	351.243.3000	ZPD30 Z-Diode	ZPD30 Z-Diode	ZPD30 Z-Diode
DP59	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP61	266.469	BY399 Diode 800V	BY399 Diode	BY399 Diode
DP63	266.534	BY397 Diode	BY397 Diode	BY397 Diode
DP63	339.527.063	BY396 Diode	BY396 Diode	BY396 Diode
DP64	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP65	339.529.957	ZPD24 Z-Diode	ZPD24 Z-Diode	ZPD24 Z-Diode
DP66	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP67	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP68	339.529.794	ZPD3,3 Z-Diode	ZPD3,3 Z-Diode	ZPD3,3 Z-Diode
DP72	100.983.00	ZPD68 Z-Diode	ZPD68 Z-Diode	ZPD68 Z-Diode
DP72	309.327.145	ZPY82 Z-Diode	ZPY82 Z-Diode	ZPY82 Z-Diode
DP73	266.534	BY397 Diode	BY397 Diode	BY397 Diode
DP73	339.527.063	BY396 Diode	BY396 Diode	BY396 Diode
DP76	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP77	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP79	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP80	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DP81	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP82	266.469	BY399 Diode 800V	BY399 Diode	BY399 Diode
DP82	266.534	BY397 Diode	BY397 Diode	BY397 Diode
DP83	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP84	160.082.70	1N5817 Diode	1N5817 Diode	1N5817 Diode
DP84	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP87	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP88	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DR27	309.327.124	ZPD2,7 Z-Diode	ZPD2,7 Z-Diode	ZPD2,7 Z-Diode
DR42	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DR81	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DR84	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV01	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DV03	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DV13	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV26	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV27	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV31	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV32	309.325.125	BZX55C6V8 Z-Diode	BZX55C6V8 Z-Diode	BZX55C6V8 Z-Diode
DV34	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DX01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DX03	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
IA01	100.080.50	TDA2614 IC	TDA2614 IC	TDA2614 CI
IA01	100.080.60	TDA2616 IC	TDA2616 IC	TDA2616 CI
IA01	261.825	Montageclip	Clip 1	Agrafe 1
IA01	309.903.844	Montageclip	Clip metal	Agrafe
IC01	100.078.80	STV2151AF IC	STV2151AF IC	STV2151AF CI
IC01	674.567.00	IC-Fassung 30polig	IC socket 30pole	Support CI 30 voies
IC02	101.128.60	TDA4671 IC	TDA4671 IC	TDA4671 CI
IF01	252.593	Silikonscheibe	Silicon plate	Rondelle silicone
IF01	261.827	Montageclip	Clip	Agrafe
IF01	309.368.686	TDA8172 IC	TDA8172 IC	TDA8172 CI
IP01	309.368.549	TEA2261 IC	TEA2261 IC	TEA2261 CI
IP02	704.014.02	AN7809/MC7809 IC	AN7809/MC7809 IC	AN7809/MC7809 IC
IP03	704.014.02	AN7809/MC7809 IC	AN7809/MC7809 IC	AN7809/MC7809 IC

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
IR01	101.308.00	ST92T93B1/BJ IC prog. ohne Sockel	ST92T93B1/BJ IC	ST92T93B1/BJ CI
IR01	300.181.30	ST92T93B1/BJ IC prog. mit Sockel	ST92T93B1/BJ IC	ST92T93B1/BJ CI
IR01	101.772.90	ST9293J5B1/FU SOFT10/FT IC prog. o. S.	ST9293J5B1/FU IC	ST9293J5B1/FU CI
IR01	300.317.70	ST9293J5B1/FU SOFT10/FT IC prog. m. S.	ST9293J5B1/FU IC	ST9293J5B1/FU CI
IR01	101.773.00	ST9293J7B1/FP SOFT20/FP IC prog. o. S.	ST9293J7B1/FP IC	ST9293J7B1/FP CI
IR01	250.795.70	ST9293J7B1/FP SOFT20/FP IC prog. m. S.	ST9293J7B1/FP IC	ST9293J7B1/FP CI
IR01	300.342.30	ST9293J7B1/FP SOFT20/FP IC prog. m. S.	ST9293J7B1/FP IC	ST9293J7B1/FP CI
IR01	101.773.40	ST9293J7B1/XX SOFT25/FT IC prog. o. S.	ST9293J7B1/XX IC	ST9293J7B1/XX CI
IR01	300.342.50	ST9293J7B1/XX SOFT25/FT IC prog. m. S.	ST9293J7B1/XX IC	ST9293J7B1/XX CI
IR01	101.773.30	ST9293J7B1/XX SOFT25/TT IC prog. O. S.	ST9293J7B1/XX IC	ST9293J7B1/XX CI
IR01	300.342.40	ST9293J7B1/XX SOFT25/TT IC prog. m. S.	ST9293J7B1/XX IC	ST9293J7B1/XX CI
IR01	102.950.90	ST9293J7B1 SOFT25BTT IC prog. O. S.	ST9293J7B1 IC	ST9293J7B1 CI
IR01	300.430.80	ST9293J7B1 SOFT25BTT IC prog. m. S.	ST9293J7B1 IC	ST9293J7B1 CI
IR01	102.469.70	ST9293J7B1/LC SOFT28/TF IC prog. O. S.	ST9293J7B1/LC IC	ST9293J7B1/LC CI
IR01	300.392.90	ST9293J7B1/LC SOFT28/TT IC prog. m. S.	ST9293J7B1/LC IC	ST9293J7B1/LC CI
IR01	103.669.80	ST9293J9B1 SOFT100/BTT IC prog. o. S	ST9293J9B1/AEB IC	ST9293J9B1/AEB CI
IR01	300.634.30	ST92T93J9B1 SOFT100/B IC prog. m. S.	ST92T93J9B1 OTP IC	ST92T93J9B1 OTP CI
IR01	300.635.30	ST92T93J9B1 SOFTSAT100B4/3 V5.17-E	ST92T93J9B1 OTP IC	ST92T93J9B1 OTP CI
IR01	309.689.966	IC-Fassung 42polig	IC socket 42pole	Support CI 42 voies
IR02	243.022	IC-Fassung 8polig	IC socket 8pole	Support CI 8 voies
IR02	490.008.0379	X24C04 IC	X24C04 IC	X24C04 CI
IV01	110.391.62	STV2160SAF IC	STV2160SAF IC	STV2160SAF CI
IX01	309.368.217	MC14052BCP IC	MC14052BCP IC	MC14052BCP CI
LC01	339.349.708	10UH Drossel	10UH Choke coil	10UH Self
LC03	246.995	4U7H 10% Drossel	4U7H 10% Choke coil	4U7H 10% Self
LH02	100.940.40	5M5HZ 7X7 Filter	5M5HZ 7X7 Filter	5M5HZ 7X7 Filtre
LH03	246.995	4U7H 10% Drossel	4U7H 10% Choke coil	4U7H 10% Self
LH03	404.383.90	12UH 5% Drossel	12UH 5% Choke coil	12UH 5% Self
LH04	309.250.001	27UH 5% Drossel	27UH 5% Choke coil	27UH 5% Self
LL05	100.066.20 S	Diodensplit-Trafo C85MB	Diode split transformer	Transformateur THT
LL05	100.351.40 S	Diodensplit-Trafo 85MB	Diode split transformer	Transformateur THT
LL05	100.351.60 S	Diodensplit-Trafo C85MB 90°	Diode split transformer	Transformateur THT
LL05	100.897.40 S	Diodensplit-Trafo 89	Diode split transformer	Transformateur THT
LL05	102.291.70 S	Diodensplit-Trafo DST C89	Diode split transformer	Transformateur THT
LL08	100.356.10 S	Kombi-Spule	Combi coil	Bobine
LL08	100.926.90 S	Kombi-Spule	Combi coil	Bobine
LL08	100.950.60 S	Kombi-Spule	Combi coil	Bobine
LL10	339.349.708	10UH Drossel	10UH Choke coil	10UH Self
LL23	101.365.40	24UH 4% Drossel	24UH 4% Choke coil	24UH 4% Self
LL23	309.249.314	48U5H Spule	48U5H Choke coil	48U5H Self
LL23	309.249.337	83UH Spule	Coil, 83µH	Self, 83µH
LL26	102.447.90 S	18UH Spule H-Linearität	18UH H-Linearity coil	18UH Bobine linearite
LL26	204.596.44 S	27UH Spule H-Linearität	27UH Linearity coil	27UH Bobine linearite
LL26	309.249.327 S	30UH Spule H-Linearität	30UH H-Linearity coil	30UH Bobine linearite
LL26	309.249.415 S	85UH Linearitätsspule	85UH Linearity coil	85UH Bobine linearite
LL26	508.732.54	30U5H Spule H-Linearität	30U5H H-Linearity coil	30U5H Bobine linearite
LL30	100.626.10	18U 10% Drossel	18U 10% Choke coil	18U 10% Self
LL30	256.897	20UH Spule	20UH 4% Choke coil	20UH 4% Self

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
LL30	260.804	35UH Spule	35UH Coil	35UH Self
LL30	309.250.006	23UH 4% Drossel	23UH 4% Choke coil	23UH 4% Self
LL30	309.250.996	28UH Drossel	28UH Choke coil	28UH Self
LL61	473.229.00	95UH 4% Drossel	95UH 4% Choke coil	95UH 4% Self
LL63	246.773	2U2H 10% Drossel	2U2H 10% Choke coil	2U2H 10% Self
LP10	101.170.50 S	Trafo Schaltnetzteil SMT7	Switched mode power transformer	Transformateur d'alimentation
LP10	101.207.20 S	Trafo Schaltnetzteil SMT7 f. Mono	Switched mode power transformer	Transformateur d'alimentation
LP10	102.039.40 S	Trafo Schaltnetzteil SMT7 (G5160-02)	Switched mode power transformer	Transformateur d'alimentation
LP10	102.272.10 S	Trafo Schaltnetzteil SMT7 90	Switched mode power transformer	Transformateur d'alimentation
LP13	266.232	Ferritperle	Ferrite bead	Perle ferrite
LP24	246.773	2U2H 10% Drossel	2U2H 10% Choke coil	2U2H 10% Self
LP44	309.309.989	Treibertransformator	Driver transformer	Transformateur
LR01	243.035	10UH 10% Drossel	10UH 10% Choke	10UH 10% Self
LR71	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
LR73	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
LR75	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
LR77	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
QC01	100.877.10	4M433619HZ Quarz	4M433619HZ Crystal	4M433619HZ Quartz
QC02	100.877.20	3M579545HZ Quarz	3M579545HZ Crystal	3M579545HZ Quartz
QR01	101.191.40	22M0HZ Quarz	22M0HZ Crystal	22M0HZ Quartz
RA01	100.379.00 S	8R2 0,5W 5% Sicherheitswiderstand	8R2 0,5W 5% Fusible resistor	8R2 0,5W 5% Résistance fusible
RA03	100.379.00 S	8R2 0,5W 5% Sicherheitswiderstand	8R2 0,5W 5% Fusible resistor	8R2 0,5W 5% Résistance fusible
RC20	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC23	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC24	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC25	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC33	339.537.717 S	1R 0,3W 5% Sicherheitswiderstand	1R 0,3W 5% Fusible resistor	1R 0,3W 5% Résistance fusible
RF11	309.580.973 S	1R5 0,5W 5% Sicherheitswiderstand	1R5 0,5W 5% Fusible resistor	1R5 0,5W 5% Resistance fusible
RF12	102.252.70	1R5 0,7W 5% Metalloxydwiderstand	1R5 0,7W 5% Metal oxide resistor	1R5 0,7W 5% Resistance metallique
RF12	309.530.698	1R 0,7W 5% Metalloxydwiderstand	1R 0,7W 5% Metal oxide resistor	1R 0,7W 5% Resistance metallique
RF15	108.833.00 S	10R 0,5W 5% Sicherheitswiderstand	10R 0,5W 5% Fusible resistor	10R 0,5W 5% Résistance fusible
RF20	102.337.20	220R 0,7W 1% Metallfilmwiderstand	220R 0,7W 1% Metal film resistor	220R 0,7W 1% Resistance metall.
RF21	309.580.973 S	1R5 0,5W 5% Sicherheitswiderstand	1R5 0,5W 5% Fusible resistor	1R5 0,5W 5% Resistance fusible
RH12	309.580.955 S	22R 0,3W 5% Sicherheitswiderstand	22R 0,3W 5% Fusible resistor	22R 0,3W 5% Resistance fusible
RH13	100.379.00 S	8R2 0,5W 5% Sicherheitswiderstand	8R2 0,5W 5% Fusible resistor	8R2 0,5W 5% Résistance fusible
RH13	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RL03	309.580.974 S	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor	0R1 0,4W 10% Resistance fusible
RL09	101.477.20	69K8 0,7W 1% Metallfilmwiderstand	69K8 0,7W 1% Metal film resistor	69K8 0,7W 1% Resistance metall.
RL09	101.477.40	68K1R 0,7W 1% Metallfilmwiderstand	68K1R 0,7W 1% Metal film resistor	68K1R 0,7W 1% Resistance metall.
RL09	101.480.60	80K6R 0,7W 1% Metallfilmwiderstand	80K6R 0,7W 1% Metal film resistor	80K6R 0,7W 1% Resistance metall.
RL09	101.481.30	64K9R 0,7W 1% Metallfilmwiderstand	64K9R 0,7W 1% Metal film resistor	64K9R 0,7W 1% Resistance metall.
RL09	101.490.50	88K7R 0,7W 1% Metallfilmwiderstand	88K7R 0,7W 1% Metal film resistor	88K7R 0,7W 1% Resistance metall.
RL09	101.533.90	95K3R 0,7W 1% Metallfilmwiderstand	95K3R 0,7W 1% Metal film resistor	95K3R 0,7W 1% Resistance metall.
RL09	102.242.30	61K9R 0,7W 1% Metallfilmwiderstand	61K9R 0,7W 1% Metal film resistor	61K9R 0,7W 1% Resistance metall.
RL09	102.242.50	51K1R 0,7W 1% Metallfilmwiderstand	51K1R 0,7W 1% Metal film resistor	51K1R 0,7W 1% Resistance metall.
RL09	102.244.40	60K4R 0,7W 1% Metallfilmwiderstand	60K4R 0,7W 1% Metal film resistor	60K4R 0,7W 1% Resistance metall.
RL09	102.246.80	78K7R 0,7W 1% Metallfilmwiderstand	78K7R 0,7W 1% Metal film resistor	78K7R 0,7W 1% Resistance metall.
RL09	102.249.20	82K5R 0,7W 1% Metallfilmwiderstand	82K5R 0,7W 1% Metal film resistor	82K5R 0,7W 1% Resistance metall.
RL11	309.580.969 S	15R 0,5W 5% Sicherheitswiderstand	15R 0,5W 5% Fusible resistor	15R 0,5W 5% Resistance fusible
RL12	150.202.40	66K5R 0,4W 1% Metallfilmwiderstand	66K5R 0,4W 1% Metal film resistor	66K5R 0,4W 1% Resistance metall.
RL12	413.073.01	73K2R 0,4W 1% Metallfilmwiderstand	73K2R 0,4W 1% Metal film resistor	73K2R 0,4W 1% Resistance metall.
RL13	150.202.40	66K5R 0,4W 1% Metallfilmwiderstand	66K5R 0,4W 1% Metal film resistor	66K5R 0,4W 1% Resistance metall.
RL13	309.537.648	39K2R 0,4W 1% Metallfilmwiderstand	39K2R 0,4W 1% Metal film resistor	39K2R 0,4W 1% Resistance metall.

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
RL13	413.068.01	64K9R 0,4W 1% Metallfilmwiderstand	64K9R 0,4W 1% Metal film resistor	64K9R 0,4W 1% Resistance metall.
RL13	413.073.01	73K2R 0,4W 1% Metallfilmwiderstand	73K2R 0,4W 1% Metal film resistor	73K2R 0,4W 1% Resistance metall.
RL14	101.512.70	56K 2W 10% Metalloxidwiderstand	56K 2W 10% Oxide metal resistor	56K 2W 10% Resistance metallique
RL23	243.840	27R 3W 5% Drahtwiderstand	27R 3W 5% Wire resistor	27R 3W 5% Resistance bobine
RL23	243.901	120R 2W 5% Metalloxydwiderstand	120R 2W 5% Metal oxide resistor	120R 2W 5% Resistance metallique
RL23	703.740.00	39R 3W 5% Drahtwiderstand	39R 3W 5% Wire resistor	39R 3W 5% Resistance bobine
RL26	309.580.952 S	1KR 0,5W 10% Sicherheitswiderstand	1KR 0,5W 10% Fusible resistor	1KR 0,5W 10% Resistance fusible
RL30	101.513.10 S	4K7 0,7W 5% Sicherheitswiderstand	4K7 0,7W 5% Fusible resistor	4K7 0,7W 5% Resistance fusible
RL30	101.521.30 S	2K2R 0,5W 5% Sicherheitswiderstand	2K2R 0,5W 5% Fusible resistor	2K2R 0,5W 5% Résistance fusible
RL30	249.216 S	18KR 0,7W 10% Sicherheitswiderstand	18KR 0,7W 10% Fusible resistor	18KR 0,7W 10% Résistance fusible
RL40	150.123.30	18K2R 0,4W 1% Metallfilmwiderstand	18K2R 0,4W 1% Metal film resistor	18K2R 0,4W 1% Resistance metall.
RL40	411.287.01	16K2R 0,4W 1% Metallfilmwiderstand	16K2R 0,4W 1% Metal film resistor	16K2R 0,4W 1% Resistance metall.
RL45	401.767 S	1Ω 0,3W 10% Sicherheitswiderstand	Fusible resistor 1Ω 0,3W 10%	Resistance fusible 1Ω 0,3W 10%
RL45	411.198.02 S	3R3 0,35W 5% Sicherheitswiderstand	3R3 0,35W 5% Fusible resistor	3R3 0,35W 5% Résistance fusible
RL50	309.580.974 S	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor	0R1 0,4W 10% Resistance fusible
RL90	101.600.70	10R 10W 10% Drahtwiderstand	10R 10W 10% Wire resistor	10R 10W 10% Resistance bobine
RP01	309.560.952	25R PTC-Widerstand	25R PTC resistor	25R Resistance CTP
RP01	309.560.955	18R 220V PTC-Widerstand	18R 220V PTC resistor	18R 220V Resistance CTP
RP07	309.537.650	39K 4W 10% Metalloxidwiderstand	39K 4W 10% Metal oxide resistor	39K 4W 10% Resistance metallique
RP10	243.798 S	0R33 0,4W 10% Sicherheitswiderstand	0R33 0,4W 10% Fusible resistor	0R33 0,4W 10% Resistance fusible
RP13	100.094.20	270R 10W 10% Drahtwiderstand	270R 10W 10% Wire resistor	270R 10W 10% Resistance bobine
RP41	101.513.20	18R 2W 5% Metalloxidwiderstand	18R 2W 5% Oxide metal resistor	18R 2W 5% Resistance metallique
RP41	309.556.273	18R 3W 5% Drahtwiderstand	18R 3W 5% Wire resistor	18R 3W 5% Resistance bobine
RP50	309.530.716	10M 0,7W 5% Schichtwiderstand	10M 0,7W 5% Film resistor	10M 0,7W 5% Resistance a couche
RP69	101.513.30	0R27 1,5W 5% Metalloxidwiderstand	0R27 1,5W 5% Oxide metal resistor	0R27 1,5W 5% Resistance metall.
RP69	101.513.40	0R56 1,5W 5% Metalloxidwiderstand	0R56 1,5W 5% Oxide metal resistor	0R56 1,5W 5% Resistance metall.
RR01	309.580.974 S	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor	0R1 0,4W 10% Resistance fusible
RV01	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RV32	413.033.01	22K1R 0,4W 1% Metallfilmwiderstand	22K1R 0,4W 1% Metal film resistor	22K1R 0,4W 1% Resistance metall.
RV32	413.443.01	4K75 0,25W 1% Metallfilmwiderstand	4K75 0,25W 1% Metal film resistor	4K75 0,25W 1% Resistance metall.
RX24	411.174.01	475R 0,4W 1% Metallfilmwiderstand	475R 0,4W 1% Metal film resistor	475R 0,4W 1% Resistance metall.
RX25	412.839.01	82R5 0,4W 1% Metallfilmwiderstand	82R5 0,4W 1% Metal film resistor	82R5 0,4W 1% Resistance metall.
RX33	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX48	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX54	412.433.01	150K 0,4W 1% Metallfilmwiderstand	150K 0,4W 1% Metal film resistor	150K 0,4W 1% Resistance metall.
RX91	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX95	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
SP01	309.636.944	Relais 12V	Relay 12V	Relais 12V
TA01	261.825	Montageclip	Clip 1	Agrafe 1
TA01	309.001.351	BD242 Transistor	BD242 Transistor	BD242 Transistor
TA02	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TA20	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TC01	309.001.246	BC368 Transistor	BC368 Transistor	BC368 Transistor
TC01	339.556.898	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TC02	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TC03	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TC04	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TH01	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TH03	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TH04	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TH05	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL19	103.477.20	BUH517TH17 Transistor	BUH517TH17 Transistor	BUH517TH17 Transistor
TL19	261.825	Montageclip	Clip 1	Agrafe 1

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
TL19	309.001.371	BUH517TH Transistor	BUH517TH Transistor	BUH517TH Transistor
TL19	309.005.029	BUH515 Transistor	BUH515 Transistor	BUH515 Transistor
TL19	309.005.031	BUH314DTH Transistor	Transistor, BUH314DTH	Transistor, BUH314DTH
TL40	252.593	Silikonscheibe	Silicon plate	Rondelle silicone
TL40	450.493.00	BD681 Transistor	BD681 Transistor	BD681 Transistor
TL40	703.966.00	Montageclip	Clip	Agrafe
TL51	309.368.470	UA7805CSP/MC7805 IC	UA7805CSP IC	UA7805CSP CI
TL60	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL61	101.176.70	2SC2655Y Transistor	2SC2655Y Transistor	2SC2655Y Transistor
TL62	242.866	2SA1020Y Transistor	2SA1020Y Transistor	2SA1020Y Transistor
TL63	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL64	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TL65	273.209	BC327-40 Transistor	BC327-40 Transistor	BC327-40 Transistor
TP10	102.741.70	BUV48CFI / ON4915 Transistor	BUV48CFI Transistor	BUV48CFI Transistor
TP10	261.825	Montageclip	Clip 1	Agrafe 1
TP10	309.001.390	BUH713TH Transistor	BUH713 Transistor	BUH713 Transistor
TP10	309.005.029	BUH515 Transistor	BUH515 Transistor	BUH515 Transistor
TP34	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP52	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP54	463.077	BF422 Transistor	BF422 Transistor	BF422 Transistor
TP61	339.556.222	BC547B Transistor	BC547B Transistor	BC547B Transistor
TP66	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TP67	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP69	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP76	463.077	BF422 Transistor	BF422 Transistor	BF422 Transistor
TP77	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP78	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR20	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR22	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR27	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR28	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR42	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR55	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR80	309.001.246	BC368 Transistor	BC368 Transistor	BC368 Transistor
TR81	242.013	BC848C Transistor, SMD	BC848C Transistor, SMD	BC848C Transistor, SMD
TR81	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR85	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR87	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR90	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TV06	339.556.787	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TV71	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TV76	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TV81	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX03	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX04	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX05	339.556.222	BC547B Transistor	BC547B Transistor	BC547B Transistor
TX06	339.556.222	BC547B Transistor	BC547B Transistor	BC547B Transistor
TX07	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX08	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX09	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX10	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX11	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX12	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX13	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX14	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX15	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX16	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
TX17	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX18	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
-	100.005.80	Halter PSB	Holder PSB	Support PSB
-	100.616.90	Abdeckung Scart ICC9	Cover plug	Cache
-	100.636.30	Modulhalter, NICAM ICC9	Module holder	Support plastique
-	101.101.90	Leitung mit Stecker 4polig 500mm vom CHASSIS zum ZOOM	Cable with socket, 4-pole, 500mm	Cable avec fiche, 4-polaire
-	101.210.40	Halter für Kabel/DST	Cable holder	Support de câble
-	101.217.70	Modulhalter DVT/AMFM	Module holder	Support plastique
-	101.258.10	Leitung mit Stecker 7polig 340mm vom CHASSIS zum CRT	Cable with socket 7-pole 340mm	Cable avec fiche 7-polaire
-	101.325.50	Leitung mit Stecker 3polig 340mm vom CHASSIS zum CRT	Cable with socket 3-pole 340mm	Cable avec fiche 3-polaire
-	102.439.90	Leitung mit Stecker 4polig 460mm vom CHASSIS zum ZOOM	Cable with socket 4-pole 460mm	Cable avec fiche 4-polaire
-	102.600.00	Halter Modul2	Module2 holder	Support2 plastic
-	246.895	Chassisrahmen	Chassis frame	Chassis plastique
-	250.460.40	Leitung mit Stecker 4polig 340mm	Cable with socket 4-pole 340mm	Cable avec fiche 4-polaire 340mm
-	256.704	Modulhalter (Nord-Süd)	Module holder	Support plastique
-	309.699.432	Hochspannungskabel Anode	High tension cable	D'énergie haute tension
-	309.699.434	Fokuskabel dünn 460mm	Focus cable 460mm	Cable focus 460mm
-	309.863.511	Chassis-Rahmen Konz. 6mm	Chassis frame	Chassis plastique
-	309.900.528	Halter VT-ZOOM	Holder vt-zoom	Support vt-zoom
-	309.902.929	Kabelhalter Fokusleitung	Cable holder	Support cable
-	309.902.930	Klemmstück für Hochspannungskabel	Cable holder	Support cable
-	309.902.931	Klemmstück Fokusleitung	Cable holder focus cable	Support de câble
-	309.951.978	Schutzkappe für Hochspannungskabel	Protection cap for high voltage cable	Capot plastique
-	309.951.997	Schutzkappe F.CP21/ 49/50	Protection cap	Capot plastique

**Ersatzteile · Spare parts list · Liste de pièces de rechange
Lista de piezas de recambio · Lista parti di ricambio**

**Chassis
ICC9 16/9**

Wichtig: Bei Ersatzteilbestellungen bitte unbedingt die entsprechende Bestellnummer angeben!
N.B.: When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
Important: Lors d'une commande de pièces de rechange, prière d'indiquer et tout cas le numéro de la pièce!
Importante: Ordinare sempre con il numero corrispondenti di codice!
Importante: Pedir siempre los recambios con el numero correspondiente código!

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
		MOD./AUSTAUSCHTEILE:	EXCHANGE PARTS:	ECHANGE PLATINE:
AMDP9014	103.798.10	AM/DP9011/9014 TON- MODUL	AM/DP9014 PCB SOUND	MA/DP9014 PLATINE
AMFM9315	100.532.20	AM/FM9315 TON-MODUL	AM/FM9315 PCB SOUND	MA/FI9315 PLATINE
AMFM9325	102.742.80	AM/FM9325 TON-MODUL BSVM	AM/FM9325 PCB SOUND	MA/FI9325 PLATINE
AMFM9416	100.532.30	AM/FM9415 TON-MODUL	AM/FM9415 PCB SOUND	MA/FI9415 PLATINE
AMFM9615	100.685.70	AM/FM9615 TON-MODUL	AM/FM9615 PCB SOUND	MA/FI9615 PLATINE
DVT9000	100.046.30	DVT9000 VIDEOTEXT	DVT9000 PCB TELETXT	DVT9000 PLATINE
DVT9001	100.046.40	DVT9001 VIDEOTEXT	DVT9001 PCB TELETXT	DVT9001 PLATINE
DVT9002	102.697.70	DVT9002 VIDEOTEXT	DVT9002 PCB TELETXT	DVT9002 PLATINE
DVT9003	102.697.80	DVT9003 VIDEOTEXT	DVT9003 PCB TELETXT	DVT9003 PLATINE
IF2239	349.354.381	IF2239 ZF-VERSTÄRKER	IF2239.01 UNIT IF	IF2239.01 UNITE MF
IF2339	101.298.40	IF2339 ZF-VERSTÄRKER	IF2339 UNIT	MF2339 UNITE
MTP4015F	202.576.50	MTP4015F TUNER VP	MTP4015F TUNER	MTP4015F TUNER
		MOD./KEINAUSTAUSCH:	MODULES:	PLATINE:
CRT9001	100.665.40	CRT9001 BILDROHR-PLATTE	CRT9001 PCB CRT-SOCKET	CRT9001 PLATINE
CRTBS9001	101.611.80	CRT BS9001 BILDROHRANSCHLUSS	CRT BS9001 PCB CRT-SOCKET	CRT BS9001 PLATINE
CRT9004	102.328.60	CRT9004 BILDROHRANSCHLUSS	CRT9004 PCB CRT-SOCKET	CRT9004 PLATINE
NI9000	100.666.40	NI9000 NICAM-LEITERPLATTE	NI9000 PCB SUB	NI9000 PLATINE SUB
ZOOM9700	101.536.20	ZOOM9700 LTP ZOOM 16:9	ZOOM9700 PCB	ZOOM9700 PLATINE
ZOOM9715	102.364.80	ZOOM9715 LTP ZOOM 16:9	ZOOM9715 PCB	ZOOM9715 PLATINE

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
		CHASSIS-TEILE	CHASSIS PARTS	CHASSIS-PARTIE
BA01	239.054	Stiftleiste 12polig. US stehend	12 pin contact housing	Culot a 12 broches
BA02	110.807.20	Stiftleiste 15polig US stehend	15 pin contact housing	Culot a 15 broches
BA05	100.075.20	Buchse Lautsprecher	Speaker jack	Prise hautparleur
BL05	239.031	Stiftleiste 3polig. US blau stehend	Contact strip 3-pole, blue	Connecteur male 3 broches, bleu
BR01	309.650.061	Stiftleiste, 3polig, rot UF	Contact strip 3-pole, red	Connecteur male 3 broches, rouge
BR02	260.789	Stiftleiste 12polig. MICS 12 SW	Contact strip 12-pole, black	Connecteur male 12 broches
BR03	266.713	Stiftleiste 4polig MICS4	Contact strip 4-pole black	Connecteur male 4 broches
BR05	604.307.75	Stiftleiste 4polig US stehend	4 pin contact housing UF	Culot a 4 broches UF
BT04	309.650.091	Stiftleiste 15polig natur UF	Contact strip 15-pole	Connecteur male 15 broches
BV01	509.029.80	Stiftleiste 7pol. US rot stehend	7 pin contact housing	Culot a 7 broches
BX01	309.651.034	Buchse Euro AV (SCART)	Scart socket	Prise femelle peritelevision
BX02	309.651.034	Buchse Euro AV (SCART)	Scart socket	Prise femelle peritelevision
BX03	243.598	Stiftleiste 7polig. US stehend	7 pin wafer	Barrette de contact, 7 voies
BX50	309.650.092	Stiftleiste 4polig Liegend	Contact strip 4-pole	Connecteur male 4 broches
CL07	207TX3126	0U01F 400V 5% Kondensator	0U01F 400V 5% Capacitor	0U01F 400V 5% Condensateur
CL11	239.322	10UF 250V 20% Elko	10UF 250V 20% E cap	10UF 250V 20% CC
CL12	243.879	330PF 400V 20% Keramik-Kondensator	330PF 400V 20% C cap	330PF 400V 20% CC
CL13	243.879	330PF 400V 20% Keramik-Kondensator	330PF 400V 20% C cap	330PF 400V 20% CC
CL21	256.986	12N 1,5KV CFS-Kondensator	12NF 1K5V 3,5% Film cap	12NF 1K5V 3,5% Condensateur
CL21	801.718.00	12N8F 1K6V 3,5% Filmkondensator	12N8F 1K6V 3,5% Film cap	12N8F 1K6V 3,5% Condensateur
CL22	309.433.772	20NF 400V MKPS-Kondensator	20NF 400V 5% MKPoly cap	20NF 400V 5% C KPM
CL22	803.058.00	22N0F 400V 5% Filmkondensator	22N0F 400V 5% Film cap	22N0F 400V 5% Condensateur film
CL23	246.495	4N7F 400V 5% MP-Kondensator	4N7F 400V 5% MPoly cap	4N7F 400V 5% C MP
CL23	256.384	8N2F 400V 5% MP-Kondensator	8N2F 400V 5% MPoly cap	8N2F 400V 5% C MP
CL42	101.220.40	4U7F 160V 20% Elko	4U7F 160V 20% E cap	4U7F 160V 20% C chimique
CP07	309.442.972	1N5F 1KV Keramik-Kondensator	1N5F 1KV C cap	1N5F 1KV C ceramique
CP08	100.971.70	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap	4N7F 1KV C ceramique
CP09	100.971.70	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap	4N7F 1KV C ceramique
CP10	238.266	330PF 400V 20% Keramik-Kondensator	330PF 400V 20% C cap	330PF 400V 20% C ceramique
CP11	100.993.90	470P0F 2KV Keramik-Kondensator	470P0F 2KV C cap	470P0F 2KV C ceramique
CP12	100.993.80	150P0F 2KV Keramik-Kondensator	150P0F 2KV C cap	150P0F 2KV C ceramique
CP13	309.460.614	2N2F 1KV 20% MPP-Kondensator	2N2F 1KV 20% MPoly cap	2N2F 1KV 20% C PP
CP14	309.418.404	150UF 385V Elko	150UF 385V E cap	150UF 385V CC
CP50	101.106.90	1N5F 400V 20% Keramik-Kondensator	1N5F 400V 20% C cap	1N5F 400V 20% C ceramique
CP62	266.247	100PF 1KV 20% Keramik-Kondensator	100PF 1KV 20% C cap	100PF 1KV 20% C ceramique
DA09	309.327.108	ZPD39 Z-Diode	ZPD39 Z-Diode	ZPD39 Z-Diode
DC01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DC30	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DF01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DF02	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DF07	266.939	ZPD15V Z-Diode	ZPD15V Z-Diode	ZPD15V Z-Diode
DF11	464.879	BAV21 Diode	BAV21 Diode	BAV21 Diode
DF28	464.879	BAV21 Diode	BAV21 Diode	BAV21 Diode
DF30	464.879	BAV21 Diode	BAV21 Diode	BAV21 Diode
DF31	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DF32	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DH01	276.644	ZPD33V 0,5W 5% Z-Diode	ZPD33V 0,5W 5% Z-Diode	ZPD33V 0,5W 5% Z-Diode

Pos.	Art.-Nr Part No. Code	Bezeichnung	Part	Désignation
DL11	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DL12	309.325.149	BY296 Diode	BY296 Diode	BY296 Diode
DL13	309.325.087	BY297 Diode	BY297 Diode	BY297 Diode
DL21	239.228	BY228 Diode mit Kühlfahne	BY228 Diode	BY228 Diode
DL22	266.280	BYW76 Diode	BYW76 Diode	BYW76 Diode
DL40	101.550.30	BAV103 Diode SMD	BAV103 Diode SMD	BAV103 Diode SMD
DL40	102.224.20	BAV203 Diode SMD	BAV203 Diode SMD	BAV203 Diode SMD
DL60	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DL61	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL62	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DL63	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DL64	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL65	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DL66	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL67	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL68	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL69	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DL70	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP02	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP03	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP04	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP05	309.325.163	BY255 Diode	BY255 Diode	BY255 Diode
DP10	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP13	490.007.4145	MUR160 Diode	MUR160 Diode	MUR160 Diode
DP17	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP18	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP19	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP23	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP26	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP30	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP31	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP34	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP35	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP36	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP41	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DP51	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DP54	309.325.056	BA157 Diode	BA157 Diode	BA157 Diode
DP55	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP56	309.327.095	ZPD3,9 Z-Diode	ZPD3,9 Z-Diode	ZPD3,9 Z-Diode
DP57	266.939	ZPD15V Z-Diode	ZPD15V Z-Diode	ZPD15V Z-Diode
DP61	266.469	BY399 Diode 800V	BY399 Diode	BY399 Diode
DP63	339.527.063	BY396 Diode	BY396 Diode	BY396 Diode
DP64	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP65	339.529.957	ZPD24 Z-Diode	ZPD24 Z-Diode	ZPD24 Z-Diode
DP66	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP67	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP68	339.529.794	ZPD3,3 Z-Diode	ZPD3,3 Z-Diode	ZPD3,3 Z-Diode
DP72	309.327.145	ZPY82 Z-Diode	ZPY82 Z-Diode	ZPY82 Z-Diode
DP73	339.527.063	BY396 Diode	BY396 Diode	BY396 Diode
DP76	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP77	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP79	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP80	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DP81	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP82	266.534	BY397 Diode	BY397 Diode	BY397 Diode
DP83	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP84	160.082.70	1N5817 Diode	1N5817 Diode	1N5817 Diode
DP84	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DP87	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DP88	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode

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DR27	309.327.124	ZPD2,7, Z-Diode	ZPD2,7, Z-Diode	ZPD2,7, Z-Diode
DR42	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DR81	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DR84	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV01	339.525.013	1N4001 Diode	1N4001 Diode	1N4001 Diode
DV03	309.325.927	1N4148 Diode	1N4148 Diode	1N4148 Diode
DV26	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV27	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV31	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DV32	256.417	BZX55C6V8 0,5W Z-Diode	BZX55C6V8 0,5W Z-Diode	BZX55C6V8 0,5W Z-Diode
DV34	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DX01	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
DX03	339.527.177	LL4148 Diode SMD	LL4148 Diode	LL4148 Diode
IA01	100.080.60	TDA2616 IC	TDA2616 IC	TDA2616 CI
IA01	261.825	Montageclip	Clip 1	Agrafe 1
IC01	100.078.80	STV2151AF IC	STV2151AF IC	STV2151AF CI
IC02	101.128.60	TDA4671 IC	TDA4671 IC	TDA4671 CI
IF01	252.593	Silikonscheibe	Silicon plate	Rondelle silicone
IF01	309.368.686	TDA8172 IC	TDA8172 IC	TDA8172 CI
IF01	703.966.00	Montageclip	Clip	Agrafe
IP01	309.368.549	TEA2261 IC	TEA2261 IC	TEA2261 CI
IP02	704.014.02	AN7809/MC7809 IC	AN7809/MC7809 IC	AN7809/MC7809 IC
IP03	704.014.02	AN7809/MC7809 IC	AN7809/MC7809 IC	AN7809/MC7809 IC
IR01	101.787.70	ST9293J7B1/XX SOFT27/FT IC prog. o. S.	ST9293J7B1/XX IC	ST9293J7B1/XX CI
IR01	300.385.90	ST9293J7B1/XX SOFT27/FT IC prog. M. S.	ST9293J7B1/XX IC	ST9293J7B1/XX CI
IR01	101.787.60	ST9293J7B1/KJ SOFT27/TT IC prog. o. S.	ST9293J7B1/KJ IC	ST9293J7B1/KJ CI
IR01	300.385.80	ST9293J7B1/KJ SOFT27/TT IC prog. M. S.	ST9293J7B1/KJ IC	ST9293J7B1/KJ CI
IR01	103.331.20	ST9293J9B1/AEJ SOFT107TT IC prog. o. S.	ST9293J9B1/AEJ IC	ST9293J9B1/AEJ CI
IR01	300.544.50	ST9293J9B1/AEJ SOFT107TT IC prog. m. S.	ST9293J9B1/AEJ IC	ST9293J9B1/AEJ CI
IR01	103.331.10	ST9293J9B1/AEH SOFT101TT IC prog. o. S.	ST9293J9B1/AEH IC	ST9293J9B1/AEH CI
IR01	300.544.60	ST9293J9B1/AEH SOFT101TT IC prog. m. S.	ST9293J9B1/AEH IC	ST9293J9B1/AEH CI
IR01	309.689.966	IC-Fassung 42polig	IC socket 42pole	Support CI 42 voies
IR02	243.022	IC-Fassung 8polig	IC socket 8pole	Support CI 8 voies
IR02	490.008.0379	X24C04 IC	X24C04 IC	X24C04 CI
IV01	110.391.62	STV2160SAF IC	STV2160SAF IC	STV2160SAF CI
IX01	309.368.217	MC14052BCP IC	MC14052BCP IC	MC14052BCP CI
LC01	339.349.708	10UH Drossel	10UH Choke coil	10UH Self
LC03	246.995	4U7H 10% Drossel	4U7H 10% Choke coil	4U7H 10% Self
LH02	100.940.40	5M5HZ 7X7 Filter	5M5HZ 7X7 Filter	5M5HZ 7X7 Filtre
LH03	246.995	4U7H 10% Drossel	4U7H 10% Choke coil	4U7H 10% Self
LH04	309.250.001	27UH 5% Drossel	27UH 5% Choke coil	27UH 5% Self
LL05	100.066.20 S	Diodensplit-Trafo C85MB	Diode split transformer	Transformateur THT
LL05	101.590.50 S	Diodensplit-Trafo C89 16:9	Diode split transformer	Transformateur THT
LL08	100.356.10 S	Kombi-Spule	Combi coil	Bobine
LL08	102.306.70 S	Kombi-Spule	Combi coil	Bobine

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LL10	339.349.708	10UH Drossel	10UH Choke coil	10UH Self
LL23	101.365.40	24UH 4% Drossel	24UH 4% Choke coil	24UH 4% Self
LL23	309.249.314	48U5H Spule	48U5H Choke coil	48U5H Self
LL26	102.109.50 S	40UH Spule H-Linearität	40UH H-Linearity coil	40UH Bobine linearite
LL30	309.250.006	23UH 4% Drossel	23UH 4% Choke coil	23UH 4% Self
LL30	309.259.016	32UH Drossel	32UH Choke coil	32UH Self
LL61	473.229.00	95UH 4% Drossel	95UH 4% Choke coil	95UH 4% Self
LL63	246.773	2U2H 10% Drossel	2U2H 10% Choke coil	2U2H 10% Self
LP10	101.170.50 S	Trafo Schaltnetzteil SMT7	Switched mode power transformer	Transformateur d'alimentation
LP10	101.746.70 S	Trafo Schaltnetzteil SMT7 16:9	Switched mode power transformer	Transformateur d'alimentation
LP10	102.953.60 S	Trafo Schaltnetzteil SMT7 (G5492-00)16:9	Switched mode power transformer	Transformateur d'alimentation
LP24	246.773	2U2H 10% Drossel	2U2H 10% Choke coil	2U2H 10% Self
LP44	309.309.989	Treibertransformator	Driver transformer	Transformateur
LR01	266.408	10UH Drossel	10UH Choke coil	10UH Self
LR71	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
LR73	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
LR75	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
LR77	339.349.710	4U7H Drossel	4U7H Choke coil	4U7H Self
QC01	100.877.10	4M433619HZ Quarz	4M433619HZ Crystal	4M433619HZ Quartz
QC02	100.877.20	3M579545HZ Quarz	3M579545HZ Crystal	3M579545HZ Quartz
QR01	101.191.40	22M0HZ Quarz	22M0HZ Crystal	22M0HZ Quartz
RA01	100.379.00 S	8R2 0,5W 5% Sicherheitswiderstand	8R2 0,5W 5% Fusible resistor	8R2 0,5W 5% Résistance fusible
RA03	100.379.00 S	8R2 0,5W 5% Sicherheitswiderstand	8R2 0,5W 5% Fusible resistor	8R2 0,5W 5% Résistance fusible
RC20	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC23	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC24	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC25	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RC33	339.537.717 S	1R 0,3W 5% Sicherheitswiderstand	1R 0,3W 5% Fusible resistor	1R 0,3W 5% Résistance fusible
RF11	309.580.973 S	1R5 0,5W 5% Sicherheitswiderstand	1R5 0,5W 5% Fusible resistor	1R5 0,5W 5% Resistance fusible
RF12	309.530.698	1R 0,7W 5% Metalloxydwiderstand	1R 0,7W 5% Metal oxide resistor	1R 0,7W 5% Resistance metallique
RF15	108.833.00 S	10R 0,5W 5% Sicherheitswiderstand	10R 0,5W 5% Fusible resistor	10R 0,5W 5% Résistance fusible
RF20	102.337.20	220R 0,7W 1% Metallfilmwiderstand	220R 0,7W 1% Metal film resistor	220R 0,7W 1% Resistance metall.
RF21	309.580.973 S	1R5 0,5W 5% Sicherheitswiderstand	1R5 0,5W 5% Fusible resistor	1R5 0,5W 5% Resistance fusible
RH12	309.580.955 S	22R 0,3W 5% Sicherheitswiderstand	22R 0,3W 5% Fusible resistor	22R 0,3W 5% Resistance fusible
RH13	100.379.00 S	8R2 0,5W 5% Sicherheitswiderstand	8R2 0,5W 5% Fusible resistor	8R2 0,5W 5% Résistance fusible
RH13	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RL03	309.580.974 S	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor	0R1 0,4W 10% Resistance fusible
RL11	309.580.969 S	15R 0,5W 5% Sicherheitswiderstand	15R 0,5W 5% Fusible resistor	15R 0,5W 5% Resistance fusible
RL12	104.338.30	64K9R 0,125W 1% Metallfilmwiderstand	64K9R 0,125W 1% Metal film resistor	64K9R 0,125W 1% Resistance metal
RL12	413.073.01	73K2R 0,4W 1% Metallfilmwiderstand	73K2R 0,4W 1% Metal film resistor	73K2R 0,4W 1% Resistance metall.
RL13	104.338.30	64K9R 0,125W 1% Metallfilmwiderstand	64K9R 0,125W 1% Metal film resistor	64K9R 0,125W 1% Resistance metal
RL13	413.073.01	73K2R 0,4W 1% Metallfilmwiderstand	73K2R 0,4W 1% Metal film resistor	73K2R 0,4W 1% Resistance metall.
RL13	413.076.01	78K7R 0,4W 1% Metallfilmwiderstand	78K7R 0,4W 1% Metal film resistor	78K7R 0,4W 1% Resistance metall.
RL14	101.512.70	56K 2W 10% Metalloxydwiderstand	56K 2W 10% Oxide metal resistor	56K 2W 10% Resistance metallique
RL23	243.840	27R 3W 5% Drahtwiderstand	27R 3W 5% Wire resistor	27R 3W 5% Resistance bobine
RL23	703.740.00	39R 3W 5% Drahtwiderstand	39R 3W 5% Wire resistor	39R 3W 5% Resistance bobine
RL26	102.260.10 S	1K5R 0,5W 5% Sicherheitswiderstand	1K5R 0,5W 5% Fusible resistor	1K5R 0,5W 5% Résistance fusible
RL45	102.469.20 S	1R 0,35W 5% Sicherheitswiderstand	1R 0,35W 5% Fusible resistor	1R 0,35W 5% Resistance fusible
RL50	309.580.974 S	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor	0R1 0,4W 10% Resistance fusible
RP01	309.560.952	25R PTC-Widerstand	25R PTC resistor	25R Resistance CTP
RP01	309.560.955	18R 220V PTC-Widerstand	18R 220V PTC resistor	18R 220V Resistance CTP
RP07	309.537.650	39K 4W 10% Metalloxydwiderstand	39K 4W 10% Metal oxide resistor	39K 4W 10% Resistance metallique

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RP10	243.798 S	0R33 0,4W 10% Sicherheitswiderstand	0R33 0,4W 10% Fusible resistor	0R33 0,4W 10% Resistance fusible
RP13	100.094.20	270R 10W 10% Drahtwiderstand	270R 10W 10% Wire resistor	270R 10W 10% Resistance bobine
RP41	309.556.273	18R 3W 5% Drahtwiderstand	18R 3W 5% Wire resistor	18R 3W 5% Resistance bobine
RP50	309.530.716	10M 0,7W 5% Schichtwiderstand	10M 0,7W 5% Film resistor	10M 0,7W 5% Resistance a couche
RP69	101.513.30	0R27 1,5W 5% Metalloxidwiderstand	0R27 1,5W 5% Oxide metal resistor	0R27 1,5W 5% Resistance metall.
RP69	412.549.24	150M10R 2W 10% Drahtwiderstand	150M10R 2W 10% Wire resistor	150M10R 2W 10% Resistance bobine
RR01	309.580.974 S	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor	0R1 0,4W 10% Resistance fusible
RV01	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RV32	413.443.01	4K75 0,25W 1% Metallfilmwiderstand	4K75 0,25W 1% Metal film resistor	4K75 0,25W 1% Resistance metall.
RX24	411.174.01	475R 0,4W 1% Metallfilmwiderstand	475R 0,4W 1% Metal film resistor	475R 0,4W 1% Resistance metall.
RX25	412.839.01	82R5 0,4W 1% Metallfilmwiderstand	82R5 0,4W 1% Metal film resistor	82R5 0,4W 1% Resistance metall.
RX33	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX48	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX54	412.433.01	150K 0,4W 1% Metallfilmwiderstand	150K 0,4W 1% Metal film resistor	150K 0,4W 1% Resistance metall.
RX91	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
RX95	339.537.716 S	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor	10R 0,3W 5% Resistance fusible
SP01	309.636.944	Relais 12V	Relay 12V	Relais 12V
TA01	261.825	Montageclip	Clip 1	Agrafe 1
TA01	309.001.351	BD242 Transistor	BD242 Transistor	BD242 Transistor
TA02	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TA20	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TC01	309.001.246	BC368 Transistor	BC368 Transistor	BC368 Transistor
TC02	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TC03	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TC04	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TF40	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TH01	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TH03	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TH04	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TH05	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL19	261.825	Montageclip	Clip 1	Agrafe 1
TL19	309.001.371	BUH517TH Transistor	BUH517TH Transistor	BUH517TH Transistor
TL40	261.827	Montageclip	Clip	Agrafe
TL40	450.493.00	BD681 Transistor	BD681 Transistor	BD681 Transistor
TL51	309.368.470	UA7805CSP/MC7805 IC	UA7805CSP IC	UA7805CSP CI
TL60	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL61	101.176.70	2SC2655Y Transistor	2SC2655Y Transistor	2SC2655Y Transistor
TL62	242.866	2SA1020Y Transistor	2SA1020Y Transistor	2SA1020Y Transistor
TL63	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TL64	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TL65	273.209	BC327-40 Transistor	BC327-40 Transistor	BC327-40 Transistor
TP10	261.825	Montageclip	Clip 1	Agrafe 1
TP10	309.001.390	BUH713TH Transistor	BUH713 Transistor	BUH713 Transistor
TP34	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP52	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP54	463.077	BF422 Transistor	BF422 Transistor	BF422 Transistor
TP61	339.556.222	BC547B Transistor	BC547B Transistor	BC547B Transistor
TP66	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TP67	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP69	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP76	463.077	BF422 Transistor	BF422 Transistor	BF422 Transistor

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TP77	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TP78	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR22	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR27	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR28	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR42	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR80	309.001.246	BC368 Transistor	BC368 Transistor	BC368 Transistor
TR81	242.014	BC848/C Transistor SMD	BC848/C Transistor	BC848/C Transistor
TR81	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR85	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TR87	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TR90	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TV06	339.556.787	BC337-40 Transistor	BC337-40 Transistor	BC337-40 Transistor
TV71	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TV76	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TV81	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX03	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX04	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX05	339.556.222	BC547B Transistor	BC547B Transistor	BC547B Transistor
TX06	339.556.222	BC547B Transistor	BC547B Transistor	BC547B Transistor
TX07	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX08	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX09	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX10	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX11	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX12	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX13	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX14	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX15	339.555.241	BC848B Transistor SMD	BC848B Transistor	BC848B Transistor
TX16	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
TX17	249.250	BC858B Transistor SMD	BC858B Transistor	BC858B Transistor
-	100.636.30	Modulhalter, NICAM ICC9	Module holder	Support plastique
-	101.210.40	Halter für Kabel/DST	Cable holder	Support de câble
-	101.217.70	Modulhalter DVT/AMFM	Module holder	Support plastique
-	101.258.10	Leitung mit Stecker 7polig 340mm vom CHASSIS zum CRT	Cable with socket 7-pole 340mm	Cable avec fiche 7-polaire
-	101.325.50	Leitung mit Stecker 3polig 340mm vom CHASSIS zum CRT	Cable with socket 3-pole 340mm	Cable avec fiche 3-polaire
-	102.439.90	Leitung mit Stecker 4polig 460mm vom CHASSIS zum ZOOM	Cable with socket, 4-pole, 460mm	Cable avec fiche, 4-polaire
-	102.600.00	Halter Modul2	Module2 holder	Support2 plastic
-	103.011.60	Halter Dolby1	Dolby1 holder	Support Dolby1
-	246.545	Schutzkappe 4,3 Spannungskabel	Protection cap for high voltage cable	Capot plastique
-	246.895	Chassisrahmen	Chassis frame	Chassis plastique
-	309.699.432	Hochspannungskabel Anode	High tension cable	D'énergie haute tension
-	309.699.434	Fokuskabel dünn 460mm	Focus cable 460mm	Cable focus 460mm
-	309.863.511	Chassis-Rahmen Konz. 6mm	Chassis frame	Chassis plastique
-	309.900.528	Halter VT-ZOOM	Holder vt-zoom	Support vt-zoom
-	309.902.930	Klemmstück für Hochspannungskabel	Cable holder	Support cable
-	309.902.931	Klemmstück Fokusleitung	Cable holder focus cable	Support de câble
-	309.951.997	Schutzkappe F.CP21/ 49/50	Protection cap	Capot plastique